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UNITED STATES DEPARTMENT OF AGRICULTURE

AGRICULTURAL RESEARCH ADMINISTRATION BUREAU OF ENTOMOLOGY AND PLANT QUARANTINE SERVICE AND REGULATORY ANNOUNCEMENTS

LIST OF INTERCEPTED PLANT PESTS, 1949¹

(List of Pests Recorded During the Period July 1, 1948, to June 30, 1949, Inclusive, as Intercepted in, on, or with Plants and Plant Products Entering United States Territory.)

INTRODUCTION

This report, covering the thirty-sixth year for which interception lists have been issued, summarizes the records of insect pests, plant pathogens, and certain other organisms found in, on, or with plants and plant products (1) imported, (2) offered for but refused entry, (3) held as ships' stores, etc., and hence not offered for entry through customs, (4) offered for entry for immediate export or for immediate transportation and exportation in bond, and (5) in domestic shipments between Hawaii and Puerto Rico and the mainland.

In some cases collections made late in the year are included in the report for the following year, since determination cannot be obtained immediately for all of them. Occasionally determinations are delayed for longer periods. The data for this list are obtained from routine reports by personnel of this Bureau, supplemented by information supplied by State and Customs officials. The States of California and Florida maintain staffs of specialists who identify a large proportion of the material collected at their ports. Specialists of the Bureau of Plant Industry, Soils, and Agricultural Engineering determine many of the difficult or unusual pathogens collected at the ports.

All scientific names are reviewed by appropriate specialists in the Department to assure conformance to the international rules of nomenclature.

While every reasonable effort is made to give the correct origin for all collections listed, the alleged origin of host plant materials cannot be verified in all cases, and where there is reason to doubt the accuracy of the information, the questionable items are either omitted or the origin is listed as unknown.

The year covered by this list has seen a lessening of importations of certain types of plant materials, but an increase in others. Air transportation of many perishable plant shipments served to bring plants and their pests to us with a promptness that assured the survival of both. Continual vigilance is necessary to combat such threats to the nation's plant life, and those responsible for the movement of aircraft have continued to assist in carrying out plant quarantine regulations intended to reduce to a minimum the movement of potentially dangerous plant materials.

¹Compiled by W. H. Wheeler, pathologist, Judith Hunt, plant quarantine aid, and P. X. Peltier, entomologist, Division of Foreign Plant Quarantines.

INTERCEPTIONS FROM AIR-BORNE MATERIAL

Air-borne plant material arrives in mail, baggage, express, stores, and freight, and interceptions of plant pests on such importations have been frequent. During the year 4,312 interceptions were made of insects arriving by air with agricultural material or as stowaways. There were 342 interceptions of plant diseases. Approximately one-third of the plant-disease organisms were not determinable to species but, from the evidence, appeared to represent little or no risk to this country. A few of the disease organisms specifically identified but not known to be in the United States are, however, reported to be parasites of their hosts in foreign countries. Some of the most important insects intercepted during the year were from host fruits and plants arriving by plane—a pattern to be expected in the coming years.

Among the more important insects found in air-borne material were: The whitefly *Aleurothrixus myrtacei* (?) on myrtle in cargo from Brazil; *Anastrepha fraterculus* in mango in baggage from the Dominican Republic, Mexico, and Salvador, and *A. fraterculus* (?) in cherimoya in baggage from Chile and in orange in baggage from Peru; the Mexican fruit fly (*A. ludens*) in *Annona* sp. in baggage from Guatemala, in grapefruit in baggage from Mexico, in mamey in baggage from Guatemala, in mango in baggage from Guatemala and Mexico, in orange in baggage from Costa Rica and Mexico and express from Guatemala, and in pomegranate in baggage from Mexico; the West Indian fruit fly (*A. mombinpraeoptans*) in mango in baggage from Bermuda, the Dominican Republic, Jamaica, Panama, Puerto Rico, and Salvador, in mango in mail from Puerto Rico, and in mango in quarters from Mexico, in guava in baggage from Puerto Rico and Salvador and in guava in mail from Puerto Rico, in yellow mombin in baggage from Puerto Rico, Salvador, and Trinidad, in yellow mombin in quarters from Mexico, in *Spondias* sp. in baggage from Salvador, and in yellow mombin in mail from Puerto Rico; *A. serpentina* in orange in stores from Trinidad, in sapodilla in baggage from Guatemala and Venezuela, in sapote in baggage from Guatemala and Panama, and *A. serpentina* (?) in sapodilla in baggage from the Netherlands West Indies; *A. suspensa* in guava in baggage from Puerto Rico; *Caryedon fuscus* in *Cassia javanica* in baggage from Hawaii; the Mediterranean fruit fly (*Ceratitis capitata*) in apricot in baggage from the Cape Verde Islands, in apricot in stores from France, in fig in baggage from the Azores and Italy, in guava in baggage from Palestine, in mango in baggage from Brazil, in medlar in baggage from Italy, in orange in baggage from the Azores, Italy, Portugal, and Spain, in orange in stores from the Azores, Portugal, and Spain, in peach in baggage from France, Italy, Lebanon, Portugal, and Spain, and in peach in stores from France, Portugal (?), and Spain, in pear in baggage from Spain and in pear in stores from Portugal, in persimmon in baggage from Italy, in tangerine in baggage from Portugal and in tangerine in stores from Portugal and Spain, and *C. capitata* (?) in apricot in baggage from Syria, in guava in baggage from the Madeira Islands, and in orange in baggage from the Union of South Africa; *Coccotrypes dactyliperda* in date pits used as food for monkeys in stores from India; *Cylas formicarius* var. in sweetpotato in cargo from Siam and in sweetpotato in stores from India; adults of the oriental fruit fly (*Dacus dorsalis*) were intercepted 31 times in preflight inspection of airplanes leaving Hawaii for the mainland; preflight interceptions of immature stages of *D. dorsalis* included one in coffee berry, one in ginger flowers made into a lei, and one in papaya in baggage from Hawaii; *D. ochrosiae* (?) in seed of *Ochrosia* sp. in baggage from Guam; the olive fruit fly (*D. oleae*) in olive in baggage from Italy and Lebanon; *Epicaerus cognatus* in wild potato in mail from Mexico; the citrus whitefly (*Dialeurodes citri*) on leaf of gardenia in freight from China; the oriental fruit moth (*Grapholitha molesta*) in peach in stores from France; *Kaloterms bequaerti* in *Juniperus* sp. and pine crates in cargo from Bermuda; the East Indian bean pod borer (*Maruca testulalis*) in flower lei made of *Canavalia* sp. in baggage from Hawaii, in lima bean in baggage from Puerto Rico, in pigeonpea and string bean in baggage and mail from Puerto Rico; the pink bollworm (*Pectinophora gossypiella*) in cottonseed in baggage from India and the Virgin Islands, and in cottonseed in cargo from Brazil and Pakistan, in cotton samples (grabbots) in cargo from Brazil, in okra in baggage from Puerto Rico and in okra in mail from the American Virgin Islands; *Polychrosis botrana* in grape in baggage from Italy and in grape in stores from France; *Rhagoletis alternata* in rose hips in baggage from Sweden; *R. cerasi* in cherry in baggage from Germany and Italy, in cherry in stores from Italy and in cherry in quarters from France, and *R. cerasi* (?) in cherry in stores from France and in cherry in quarters from Portugal; *Sesamia cretica* in broomcorn in cargo from France.

The more important plant disease organisms found on air-borne material, not believed to be established in the United States, were *Alternaria gypsophilae* on gypsophila in baggage from Brazil, *Elsinoe australis* on sweet orange in stores from Brazil, *E. phaseoli* on lima bean in cargo from Puerto Rico, *E. piri* on apple in baggage from Poland, *Heterodera goettingiana* with soil about roots of strawberry plants in mail

from Denmark, *H. punctata* with soil about orchid roots in express from England, *H. rostochiensis* with soil about roots of miscellaneous plants in baggage from Germany, *Monilinia fructigena* on apple in stores from the Netherlands, *Phoma citricarpa* on sweet orange in stores from Australia and Canton Island, on mandarin orange in baggage and quarters from China, and on unidentified citrus fruit in baggage from China; *Phyllosticta saccardoi* on rhododendron in air express from England, *Septoria posekensis* on orchids in cargo from Brazil and Mexico, *Uredo anthurii* on anthurium in express from Guatemala, *U. autumnalis* on chrysanthemum in express from Japan, and *Xanthomonas citri* on sweet orange in baggage from China, and on grapefruit lemon, and sour lime in stores from India.

NOTES ON INSECTS INTERCEPTED

FRUIT FLIES

Anastrepha fraterculus was intercepted in grapefruit and orange from Brazil and in mango from the Dominican Republic, Mexico, Salvador, and Trinidad, and *A. fraterculus* (?) in cherimoya from Chile, in orange from Brazil and Peru, and in grape from Argentina. The Mexican fruit fly (*A. ludens*) was taken in *Annona* sp., orange, mamey, and mango from Guatemala, in apple, avocado, grapefruit, mango, orange, peach, pear, pomegranate, quince, sapote, sour orange, sweet lime, and tangerine from Mexico, in orange from Costa Rica, and in mango from Honduras. The West Indian fruit fly (*A. mombinpraeoptans*) was intercepted in mango from Bermuda, Costa Rica, the Dominican Republic, Guatemala, Haiti, Honduras, Jamaica, Mexico, Panama, Puerto Rico, and Salvador, in guava from Cuba, Puerto Rico, and Salvador, in yellow mombin from Guatemala, Mexico, Puerto Rico, Salvador, and Trinidad, in *Spondias* sp. from Guatemala, Puerto Rico, and Salvador, and *A. mombinpraeoptans* (?) in mango from Panama and Trinidad. *A. serpentina* was found in sapodilla from Guatemala and Venezuela, in sapote from Guatemala, in mamey and star-apple from Mexico, in grapefruit and orange from Trinidad, and in sapote from Panama, and *A. serpentina* (?) in sapodilla from the Netherlands West Indies. *A. suspensa* was intercepted in guava from Cuba and Puerto Rico and in orange from Puerto Rico. The Mediterranean fruit fly (*Ceratitis capitata*) was taken in apple from the Azores, Italy, and Spain, in apricot from the Cape Verde Islands and France, in coffee from Brazil and Hawaii, in fig and loquat from the Azores and Italy, in grape from Argentina, the Madeira Islands, and Portugal, in grapefruit from Cyprus, Egypt, Hawaii, Italy, Morocco, the Union of South Africa, and Uruguay, in guava from Palestine, in mango from Brazil, in medlar, persimmon, pomegranate, pricklypear, and quince from Italy, in orange from Algeria, Azores, Brazil, Cyprus, Egypt, Italy, Portugal, Spain, and the Union of South Africa, in papaya and tomato from Hawaii, in peach from Algeria, France, Italy, Lebanon, Morocco, Portugal, and Spain, in pear from Italy, Portugal, and Spain, in plum from Greece, in purple granadilla from the Azores, in tangerine from Italy, Portugal, and Spain, and with contraband containing oranges and *Citrus* sp. from Lebanon, and *C. capitata* (?) in apricot from Syria, in grape from Argentina, in grapefruit from Cyprus (?) and Morocco, in guava from the Madeira Islands, in lemon from Italy, in orange from Brazil and the Union of South Africa, in peach from Italy and Morocco, in pear from France, and in plum from Portugal. The melon fly (*Dacus cucurbitae*) was taken in cucumber from Hawaii and the Straits Settlements and in squash and tomato from Hawaii, and *D. cucurbitae* (?) in cucumber, squash, string bean, and tomato from Hawaii. The oriental fruit fly (*D. dorsalis*) was found in an airplane, avocado, banana, small green coconut, coffee, *Garcinia rubra*, ginger, guava, Japanese persimmon, lychee, papaya, soda-apple nightshade, tropical almond, and vi-apple from Hawaii and in mango from Hawaii and India, and *D. dorsalis* (?) in small green coconut, fig, and tomato from Hawaii and in *Ochrosia* sp. from Guam. The olive fruit fly (*D. oleae*) was intercepted in olive from the Azores, Italy, Lebanon, and Portugal. The celery fly (*Euleia heraclei*) was taken in celery from England. *Rhagoletis alternata* was found in rose hips from Sweden and *R. alternata* (?) in rose hips from Austria and Sweden. *R. cerasi* was intercepted in cherry from France, Germany, Italy, and Portugal and *R. cerasi* (?) in cherry from France, Italy, Portugal, and Spain. *R. juglandis* (?) was taken in walnut from Mexico. The apple maggot (*R. pomonella*) was found in apple and red haw from Mexico. *R. striatella* was intercepted in husk tomato from Mexico.

INSECTS OTHER THAN FRUIT FLIES

A bruchid, *Acanthoscelides griseolus*, a potential pest of sesbania, was taken in *Sesbania macrocarpa* and *Sesbania* sp. from Mexico. The ground-nut stem girdler (*Alcidodes dentipes*) was found in sweetpotatoes used as food for monkeys coming from West Africa. *Aeolothrips brevicornis* (Aeolothripidae) was intercepted on *Erica* sp. from the Union of South Africa. The citrus blackfly (*Aleurocanthus woglumi*) was

taken on leaves of *Citrus* sp., orange, and sour lime from Mexico. A curculionid, *Baris coerulescens*, was found in radish from France. *Bruchidius incarnatus* (Bruchidae), a considerable pest in Egypt, was found in broadbeans from Egypt and Lebanon. A bruchid, *Bruchus tristiculus*, not yet found breeding in this country, was intercepted in vetch from Italy. The Asiatic rice borer (*Chilo simplex*) was found in rice from China and Japan, and *C. simplex* (?) was found in *Leersia* sp. from Japan. A pentatomid, *Coptosoma cribraria*, a pest of beans in the Orient, was intercepted on the stem of a camellia from China. The banana root borer (*Cosmopolites sordidus*) was taken in banana root from Honduras. *Cylas femoralis* (Curculionidae) was taken in sweetpotato from West Africa; *C. formicarius* in sweetpotato from India; *C. formicarius* var. in sweetpotato from the Fiji Islands, Hawaii, India, Iraq, and Siam; and *C. puncticollis* in sweetpotato from Mozambique, Sierra Leone, and West Africa. The Tahitian coconut weevil (*Diocalandra taiiensis*) was found in coconut from Hawaii. *Epicaerus cognatus* (Curculionidae) was taken in potato and *Solanum* sp. (wild potato) from Mexico. A chrysomelid, *Gastrophysa viridula*, believed not yet established in America, was found in soil with potatoes from England. *Gymnandrosoma aurantianum* (Olethreutidae) was found in orange from Brazil. *Leucocera sexpunctatus* (Chrysomelidae) was taken on orchid leaf from Cuba; little is known of this Antillian genus. The pink bollworm (*Pectinophora gossypiella*) was taken in cottonseed from Brazil, Egypt, Hawaii, India, Italy, Jamaica, Mexico, Pakistan, and the Philippines, in seed cotton from Haiti and Mexico, in cotton boll from the Virgin Islands, cotton (grabbots) from Brazil, and in okra from the American Virgin Islands, Brazil, and Puerto Rico, *Pheidole megacephala* (Formicidae), an important economic species, was found on eggplant and pineapple from Cuba. An olethreutid, *Polychrosis botrana*, was taken in grapes from France and Italy. Two curculionids, *Premnotrypes fractirostris* and *P. solani*, were found in potatoes from Peru. *Sesamia cretica* (Phalaenidae) was intercepted in the stem of broomcorn from France. A curculionid, *Sitona humeralis*, not known to be established in North America, was intercepted with garlic, grapes, lily bulbs, and rose stock from Italy. The coffee berry borer (*Stephanoderes hampei*) was taken in coffee berries from Brazil in transit to Canada.

SNAILS

The giant African snail (*Achatina fulica*) was found on salvaged military equipment which was being returned from Guam, the Philippines, Saipan, and Tinian Island. Living snail eggs were taken from an empty coconut husk attached to the military equipment, while 12 interceptions of living snails and one of dead snails were made on military equipment. One interception was made at New York, N. Y., on material from Saipan, 6 at San Francisco, Calif., from Guam, Saipan, and Tinian Island, and 6 at San Pedro, Calif., from the Philippines and Saipan.

Among other interceptions of snails, not known to occur on the mainland of the United States and injurious to agriculture, was a species of *Lamellaxis* which was taken at Nogales, Ariz., in soil with plants from Mexico, and at San Juan, Puerto Rico in soil arriving by airplane from the Dominican Republic.

NOTES ON DISEASES INTERCEPTED

Changing conditions for the year under consideration placed China in first place as the country contributing the largest number of interceptions (11) of citrus canker (*Xanthomonas citri*), and India, which held that position for three years, dropped to second place with 9. Japan followed in third place with 4 interceptions. Fruits infected were grapefruit, lemon, Mandarin orange, pummelo, sour lime, and sweet orange. A second disease of concern to citrus production in this country, the sweet orange scab (*Elsinoe australis*), was taken 22 times on lemon from Argentina and Brazil, 22 times on sweet orange from Argentina, Brazil, and Uruguay, twice on sour lime from Brazil, and once on tangerine from Argentina. "Cancrosis B", still another serious disease of citrus in South America, was found on six different occasions on lemons from Argentina. *Coleosporium senecionis*, a rust fungus of possible importance, was intercepted on two large importations of Scotch pine seedlings and one of Swiss mountain pine seedlings. The three importations were from Denmark and were intended for reforestation work in this country. This rust has been reported to do considerable damage to pines in some parts of the world, but is not believed to be established in North America. With this report comes the first records of the interception of the golden nematode (*Heterodera rostochiensis*), a serious pest of potatoes and tomatoes in Europe, known in this country only from Long Island, New York, where efforts are being made to prevent its spread. Analysis during the year of various lots of prohibited foreign soils yielded 11 interceptions of this dangerous pest. *Neovossia indica*, a smut fungus of potential importance to the wheat production of this country, arrived by mail on two occasions from India where it causes as much as 20 percent damage in the hot lowlands. This disease is commonly known as "Karnal bunt".

Other diseases worthy of note were a leaf fungus, *Ascochyta haworthiae*, of haworthias from the Union of South Africa; camellia yellow-spot virus of that host from France; the banana leaf spot (*Cercospora musae*) from various countries where it is known; a rust fungus, *Coleosporium domingense*, on plumeria from Venezuela; a fungus, *Curvularia lunata*, on pepper from Cuba, and on onion from Mexico and Sweden; a fungus, *Cytospora ceratophora*, on nuts of chestnut from Italy; a stem fungus, *Cytospora dahliae*, on dahlia from France; a twig parasite, *Cytospora punica*, on pomegranate from Mexico; the lima bean scab fungus (*Elsinoe phaseoli*) from Cuba; a rust fungus, *Gymnosporangium haraeum*, on juniper from Japan; a stem fungus, *Heterosporium ornithogali*, on ornithogalum from the Union of South Africa; a banana leaf fungus, *Leptosphaeria musarum*, from Colombia and Guatemala; a banana fungus, *Macrophoma musae*, on that host from India, Pakistan, and the Philippines; a brown rot fungus, *Monilinia fructigena*, on peach fruit from Portugal; a leaf and stem fungus, *Phaeosphaeria oryzae*, on rice from China and Japan; citrus black spot (*Phoma citricarpa*) from Australia, China, Formosa, Japan, and the Union of South Africa; a twig fungus, *Phomopsis magnoliae*, on magnolia from the Netherlands; a twig and stem fungus, *Phomopsis sorbicola*, on European mountain-ash from the Netherlands; a leaf fungus, *Phyllachora engleri*, on anthurium from Guatemala; a camellia leaf spot fungus, *Phyllosticta camelliae* from England; a rust fungus, *Prospodium appendiculatum*, on the Florida yellow-trumpet from Mexico; a rust fungus, *Puccinia cichorii*, on chicory from Belgium; a leaf and glume fungus, *Pyrenochaeta oryzae*, on rice from India; a twig fungus, *Sclerotinia kernerii*, on fir from Greece; a bulb-rotting fungus, *Sclerotium delphinii*, on Morocco iris from France; a leaf-spot fungus, *Septoria bambusella*, on bamboo from China; a leaf-spot fungus, *Septoria castanicola*, on chestnut from Italy; a leaf-spot fungus, *Septoria cyclaminis*, on cyclamen from Italy and Switzerland; a leaf blotch fungus, *Septoria posekenensis*, on various orchids from Brazil, India, and Mexico; a stem fungus, *Stagonospora graminella*, on wheat from India; a rust fungus, *Thecopsora areolata*, on cherry leaves from Finland; a leaf rust, *Uromyces coronatus*, of wildrice and rice from Japan; a smut fungus, *Ustilago esculenta*, of Asiatic wildrice from Japan; and the hyacinth yellows disease (*Xanthomonas hyacinthi*) in hyacinth bulbs from the Netherlands.

Nematodes of interest for the year were *Aphelenchus aderholdi* in lily-of-the-valley pips from Denmark and Germany; *A. avenae* in aster from Germany; *Ditylenchus* sp., apparently *destructor*, in peanut seed from Uruguay; *D. dipsaci* in garlic from Mexico; *Ditylenchus* sp. in colchicum, iris, and narcissus from the Netherlands; *Heterodera goettingiana* in soil with camellias from the Azores and strawberry roots from Denmark; *H. punctata* with soil about orchid roots from England, and *Tylenchus putrefaciens* in garlic from Mexico.

Of the 1,132 species of pathogens or other organisms listed in the table, 77 were new to the interception files. Interceptions of the other 1,055 pathogens showed 128 new countries of origin and 109 new hosts.

INCOMPLETELY DETERMINED PESTS

Frequently inspectors find insects or pathogens affecting plant material in such a stage or condition that complete and accurate determination is impracticable or impossible. Some of these insects and pathogens are without doubt new to science, and may be destructive pests. The notes below are given to show the general nature of such incompletely determined interceptions.

INSECTS

Among the incompletely determined insects were the following fruit flies: *Anastrepha* sp., probably *fraterculus*, at New York, N. Y., in fig in baggage and in grapefruit in stores from Argentina, and at Eagle Pass, Tex., in mango in baggage from Mexico; *Anastrepha* sp., probably *ludens*, at Laredo, Tex., in orange in baggage from Mexico; *Anastrepha* sp., probably *mombinpraeoptans*, at El Paso, Tex., Hidalgo, Tex., and Laredo, Tex., in mango in baggage from Mexico, at El Paso, Tex., in mango in baggage from Salvador, at New Orleans, La., in mango in baggage and in mango in ship's garbage from Guatemala, at New York, N. Y., in mango in baggage from Puerto Rico and Venezuela and in quarters from Puerto Rico, and at Port Arthur, Tex., in mango in stores from Panama, at Laredo, Tex., in guava in baggage from Mexico, at New York, N. Y., in yellow mombin in baggage from Venezuela; *Anastrepha* sp., probably *serpentina*, at Laredo, Tex., in sapote in baggage from Mexico, at New Orleans, La., in apple in quarters, origin unknown, at San Pedro, Calif., in cherimoya in cargo from Ecuador; *Anastrepha* sp., probably *striata* Schiner, at New York, N. Y., in guava in baggage from Trinidad; *Anastrepha* sp., probably *suspensa*, at Miami, Fla., in guava in baggage from Puerto Rico; *Anastrepha* sp. at the National Airport, Arlington, Va., in cherimoya in baggage from Peru, at Baltimore, Md., in grapefruit in stores from Trinidad, in guava in baggage from Puerto Rico, and in orange in stores

from Brazil, at Boston, Mass., in guava in baggage from Puerto Rico, at Brownsville, Tex., in mango and orange in baggage from Mexico, at El Paso, Tex., in jobo plum, mamey, and mango in baggage from Mexico, at Galveston, Tex., in orange in stores from Brazil, at Hidalgo, Tex., in mango in baggage from Mexico, at Hoboken, N. J., in *Couma macrocarpa* in express from Brazil, at Jacksonville, Fla., in orange in baggage from Cuba, at Laredo, Tex., in orange and peach in baggage from Mexico, at Miami, Fla., in guava in baggage from Puerto Rico, in hog plum in baggage from Guatemala and Puerto Rico, in mango in baggage from Colombia, Haiti, and Puerto Rico, at New Orleans, La., in mango in baggage from Guatemala, at Newport News, Va., in grapefruit in stores from British Honduras, at New York, N. Y., in guava in baggage, mail, and quarters from Puerto Rico, in mango in stores from Ecuador and Honduras, in mango in baggage and cargo from the Dominican Republic, in *Passiflora* sp. in baggage from Trinidad, and in sapodilla in stores from Peru, at Port Arthur, Tex., in grapefruit in stores from Argentina, at San Juan, P. R., with a bag of oranges in stores from South America, in rose-apple in baggage from British Guiana, and in sapodilla in baggage from the Dominican Republic, at San Ysidro, Calif., in mango in baggage, probable origin La Paz, Baja Calif., and at Tampa, Fla., in mango in pilot's lunch box on an airplane from Panama; probably *Ceratitis* sp. at New York, N. Y., in grapefruit in stores from the Union of South Africa; *Dacus* sp. at Boston, Mass., in melon in stores from southwest Arabia; probably *Dacus* sp. (not *cucurbitae*) at Baltimore, Md., in squash in stores from the Union of South Africa; probably *Dacus* sp. at Galveston, Tex., in vegetable marrow in stores from French West Africa; *Rhagoletis* sp., probably *completa* Cress., at Hidalgo, Tex., and Laredo, Tex., in black walnut in baggage from Mexico; *Rhagoletis* sp. at El Paso, Tex., in *Lycium berlandieri* in baggage from Mexico, at Laredo, Tex., in red haw and walnut in baggage from Mexico. Two species of *Anastrepha* (adults) were found in the light socket in the hold of a ship carrying banana cargo. Fifteen interceptions which could not be identified beyond family (Tephritidae) were taken at Anchorage, Alaska in an airplane from the Orient, at Boston, Mass., in tangerine in stores from India, at the National Airport, Arlington, Va., in *Eugenia* sp. in garbage (evidently discarded by a passenger) from Siam, at El Paso, Tex., in squash in cargo from Mexico, at New Orleans, La., in grape in cargo from Argentina, at New York, N. Y., in *Eugenia* sp. in baggage from Puerto Rico, in grape in cargo from Argentina, in squash in stores from the Union of South Africa, and in a paper bag with peppers (none in peppers) from Liberia, at Philadelphia, Pa., in orange in stores from Brazil, at San Juan, P. R., on banana in stores from Brazil.

The following miscellaneous insects of special interest were intercepted: *Abutiloneus* sp., near *idoneus* Bridwell (Bruchidae) at New York, N. Y., in *Abutilon* sp. seed in cargo from Mexico; *Acanthoscelides* sp., probably *ceratioborus* (Philippi) at St. Paul, Minn., in carob bean in mail from Peru; *Aleurotrachelus* sp. (Aleyrodidae), apparently undescribed, at El Paso, Tex., on *Litsea glaucescens* in mail from Mexico, at San Francisco, Calif., on *Odontoglossum schlieperianum* in air freight from Costa Rica, and on Palmaceae in air express from Guatemala; Aleyrodidae (undescribed genus and species), near *Aleurodicus*, at Brownsville, Tex., on *Laelia majalis* in cargo from Mexico; *Altica* sp., near *rufa* (Ill.) (Chrysomelidae), apparently undescribed, at Brownsville, Tex., with tomatoes in cargo from Mexico; *Anomalococcus* sp. (Coccidae), an undescribed species, at San Francisco, Calif., on orchid in cargo from Siam; *Anthonomus* sp., probably *varipes* Duval, (Curculionidae) at New York, N. Y., in eggplant in cargo from Cuba; *Asterolecanium* sp. (Coccidae), undescribed, at San Diego, Calif., on bamboo stalk in cargo from the Canal Zone; *Bemisia* sp. (Aleyrodidae) on plants on tractor returning from Saipan; *Caryobruchus* (new) sp. (Bruchidae) at Laredo, Tex., in palm seed in baggage from Mexico; a scolytid, *Chramesus* sp., evidently undescribed, at Brownsville, Tex., in wood in cargo from Mexico; a curculionid, *Polydrusus* sp., or *Barypeithes* sp. at Hoboken, N. J., in soil around astilbe roots in cargo from the Netherlands; *Diabrotica* sp., near *curvilinea* Jac., (Chrysomelidae) at Brownsville, Tex., in cabin of airplane from the Canal Zone; *Embolemus* sp., (Embole-midae), rare insects, at Nogales, Ariz., in cabin of airplane carrying tomato cargo from Mexico; *Epicaerus* sp., near *elegantulus* Champ., (Curculionidae) at Brownsville, Tex., on gardenia in quarters of an airplane from Mexico; a lygaeid, *Exptochiomeria* sp., probably undescribed, at Laredo, Tex., on an orchid plant in cargo from Mexico; *Glaucothrips* sp. (Thripidae) at Hoboken, N. J., on *Erica* sp. and *Protea* sp. in air express from the Union of South Africa and at New York, N. Y., on *Erica* sp. in cargo from the Union of South Africa; *Gnorimoschema* sp., doubtfully *borsaniella* Koeh., (Gelechiidae) at New York, N. Y., in pepper in stores from Brazil; an olethreutid, *Gymnandrosoma* sp. at Miami, Fla., in guava in baggage from Puerto Rico and at New York, N. Y., in grapefruit in stores from Uruguay; *Heterobostrychus* sp., near *pileatus* Lesne, (Bostrichidae) at New York, N. Y., in wood in cargo from India; Lampyridae, genus unknown and unlike any form in this country, at Brownsville, Tex., with *Miltonia endresii* in cargo from Costa Rica; *Leptodictya* (new) sp. (Tingidae)

at Nogales, Ariz., with orchids and succulent plants in baggage from Mexico; a chrysomelid, *Phyllobrotica* sp. or near, at Blaine, Wash., in lily bulb in cargo from Japan; *Pissodes* sp., probably *notatus* F., (Curculionidae) at New Orleans, La., in packing strips around peat moss in cargo from the Netherlands; *Pityokteines* sp., probably *curvidens* (Germ.), (Scolytidae) at Galveston, Tex., in strips around peat moss in cargo from Germany; *Platylecanium* sp. (Coccidae), undescribed species, at San Francisco, Calif., on *Vanda caerulea* in air freight from Siam; doubtfully *Prays citri* Mill. (Hypomeutidae) at Detroit, Mich., in orange blossom in baggage from Sicily; *Prays* sp. at Seattle, Wash., in *Citrus* sp. in stores from the Philippines, at Baltimore, Md., in *Citrus sinensis* junos in stores from the Philippines and at Galveston, Tex., in grapefruit in stores from Egypt; *Tarsonemus* sp., a mite, at New York, N. Y., on nectarine in cargo from Chile and at Seattle, Wash., on rhododendron leaf in cargo from England; an aleyrodid, *Tetraleurodes* sp., near *acaciae* (Q.), undescribed, at San Ysidro, Calif., on twig of *Dalea spinosa* in baggage from Mexico; *Tetralica* sp. (Aleyrodidae), apparently undescribed, at Brownsville, Tex., on gardenia in baggage and cargo from Mexico and at Nogales, Ariz., on white sapote foliage in baggage from Mexico; *Xylopertha* sp., probably *crinitarsis* Imh., (Bostrichidae) at Baltimore, Md., in mahogany in cargo from Gold Coast, Africa.

There were 4,798 interceptions distributed among 893 genera, which could be identified to genus only. A total of 115 could be determined to family or subfamily only.

A total of 4,913 incompletely determined insects were intercepted during the year.

DISEASES

Among the incompletely determined plant disease organisms collected from incoming material during the year were *Cercospora* sp. on cordia from Mexico; *Cercospora* sp. on cocoa from Peru; *Cercospora* sp. on avocado from Mexico; *Cercospora* sp. on pea pod from Mexico; *Cytospora* sp. of rhododendron from England; *Cytospora* sp. on yew seed from Japan; *Helminthosporium* sp. on rice from China and Japan; "Leprosis" on sweet orange from Liberia and Mexico; *Monilia* sp. on rice from China; *Phoma* sp. on sweet lime from Italy and on lemon from Argentina, Italy, Turkey, and Uruguay; *Phyllosticta* sp. on spinach from Turkey; *Phyllosticta* sp. on sweet orange leaf from Brazil and on unidentified citrus leaf from Italy; *Phyllosticta* sp. on daphne from England; *Rhabdospora* sp. on rhododendron from England; *Ramularia* sp. on gladiolus corm from the Netherlands; *Septoria* sp. on anthurium from Belgium; *Sporocybe* sp. on rhododendron from England; *Tilletia* sp. on wheat from India; and *Uredo* sp. on leek leaves from England and France.

Nematode interceptions worthy of note were *Aphelenchoides* sp. in peanut seed from Uruguay and in a tomato fruit from Mexico; *Aphelenchus* sp. in onion and garlic from Mexico; *Ditylenchus* sp. from Germany in New England aster roots, from Denmark with lily-of-the-valley pips, and from the Netherlands in colchicum corms, iris bulbs, and tigridia bulbs; *Heterodera* sp. in soil with undetermined plant from France; and *Pratylenchus* sp. with lily-of-the-valley pips from Denmark.

A total of 571 incompletely determined pathogens were recorded during the year.

Geographic summary of interceptions listed in main table and interception totals

Country	Insect	Disease	Country	Insect	Disease
	Number	Number		Number	Number
Africa:			Asia (continued):		
Algeria.....	9	1	Cyprus.....	4	1
Cape of Good Hope.....	1	0	Formosa.....	2	1
Cape Verde Islands.....	1	0	India.....	94	36
Egypt.....	15	3	Iran.....	0	1
Kenya.....	1	2	Iraq.....	2	1
Liberia.....	0	1	Israel.....	1	0
Madeira Islands.....	6	0	Japan.....	77	77
Morocco.....	9	0	Korea.....	1	1
Mozambique.....	1	0	Lebanon.....	10	0
Nigeria.....	6	0	Orient.....	0	1
Pretoria.....	4	0	Pakistan.....	1	1
Sierra Leone.....	5	1	Palestine.....	8	0
Southwest Africa.....	3	0	Siam.....	8	2
Transvaal.....	2	0	Straits Settlements.....	11	1
Tunisia.....	2	0	Syria.....	4	0
Union of South Africa.....	40	13	Australasia:		
West Africa.....	3	0	Aitutaki Island.....	0	1
Asia:			American Samoa.....	1	0
Afghanistan.....	10	4	Australia.....	17	20
China.....	27	148	Batavia.....	1	0

Geographic summary of interceptions listed in main table and interception totals
—Continued

Country	Insect	Disease	Country	Insect	Disease
	Number	Number		Number	Number
Australasia (continued):			North America (continued):		
Bintan Island.....	1	0	Bahamas.....	7	0
Canton Island.....	0	1	Barbados.....	2	1
Ceylon.....	3	2	British West Indies.....	6	1
Fiji Islands.....	3	1	Cuba.....	73	11
Guam.....	7	2	Dominican Republic.....	12	1
Hawaii.....	255	10	Haiti.....	5	1
New Zealand.....	3	1	Jamaica.....	26	2
Philippines.....	45	9	Netherlands West Indies.....	1	0
Saipan.....	5	0	Puerto Rico.....	231	18
South Pacific.....	2	0	St. Kitts.....	1	0
Tinian Island.....	2	0	St. Lucia.....	0	1
Truk.....	2	0	Trinidad.....	35	2
Europe:			Virgin Islands.....	5	0
Austria.....	3	0	South America:		
Azores.....	14	3	Argentina.....	22	25
Belgium.....	89	36	Brazil.....	100	43
Czechoslovakia.....	3	1	British Guiana.....	9	1
Denmark.....	7	11	Chile.....	16	1
England.....	78	36	Colombia.....	37	7
Europe.....	1	0	Ecuador.....	5	2
Finland.....	4	1	Netherlands Guiana.....	5	0
France.....	85	10	Peru.....	12	4
Germany.....	30	14	South America.....	0	1
Greece.....	10	1	Uruguay.....	5	2
Hungary.....	5	0	Venezuela.....	54	6
Ireland.....	12	2	Total:		
Italy.....	303	30	Africa.....	108	21
Netherlands.....	113	173	Asia.....	260	275
Norway.....	10	1	Australasia.....	347	47
Poland.....	1	1	Europe.....	940	348
Portugal.....	45	12	North America.....	2,227	344
Rumania.....	0	3	South America.....	265	92
Scotland.....	7	0	Unknown.....	12	3
Spain.....	27	1			
Sweden.....	34	3	Total.....	4,159	1,130
Switzerland.....	6	2			
Turkey.....	49	7			
Wales.....	1	0			
Yugoslavia.....	3	0			
North America:					
Bermuda.....	8	7	Total incompletely deter-		
Canada.....	8	3	mined pests, pp.	4,913	571
British Columbia.....	2	1	Total insect interceptions.	9,072	
Central America:			Total disease interceptions		1,701
British Honduras.....	1	0	Grand total.....		10,773
Canal Zone.....	69	4			
Costa Rica.....	74	40			
Guatemala.....	58	30			
Honduras.....	28	6			
Nicaragua.....	7	2			
Panama.....	23	11			
Salvador.....	21	1			
Mexico.....	1516	203			
West Indies.....	1	0			
American Virgin Islands.....	7	0			

NOTE.—In addition to the countries named above, interceptions were made from Anglo-Egyptian Sudan, Antigua, Aruba, Belgian Congo, Bolivia, British Somaliland, Canary Islands, Christmas Island, Eniwetok Island, Ethiopia, French West Africa, Gibraltar, Gold Coast, Grenada, Java, Johnston Island, Kwajalein Island, Luxembourg, Manua Island, Mariana Islands, Midway Island, Natal, Nevils, New Guinea, Oceania, Paraguay, Rhodesia, St. Vincent, Trieste, and Wake Island.

List of pests (insects) collected and reported from July 1, 1946, to June 30, 1949, inclusive
[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Acalypta parva</i> (Fall.) (Tingidae): Woods moss.....	France.....			1	New Jersey.
<i>Acalypta parvula</i> (Fall.) (Tingidae): Woods moss.....	do.....			1	Do.
<i>Acanthocinus aedilis</i> (L.) (Ceramby- cidae): Pinus sp. (pine).....	Netherlands.....	3			Alabama, Texas, Louisiana.
Wood.....	do.....				

List of pests (insects) collected and reported from July 1, 1948, to June 30, 1949, inclusive
—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Acanthoscelides armitagei</i> (Pic.) (Bruchi- dae): <i>Cajanus cajan</i> (pigeonpea)-----	Brazil, Canal Zone, Guate- mala, Pana- ma, Venez- uela-----	4-----	-----	3-----	District of Col- umbia, New Jersey, New York.
<i>Acanthoscelides griseolus</i> (Fall) (Bruchi- dae): <i>Sesbania exaltata</i> ----- <i>Sesbania</i> sp.-----	Mexico----- do-----	1----- -----	-----	1-----	California. Arizona.
<i>Acanthoscelides obreptus</i> Bridwell (Bruchidae): <i>Vigna sinensis</i> (cowpea)-----	----- do-----	-----	-----	1-----	District of Col- umbia.
<i>Acanthoscelides spinipes</i> (Er.) (Bruchi- dae): Legume pod-----	Italy-----	1-----	-----	-----	New York.
<i>Achatina fulica</i> (Fer.) (Mollusca): <i>Cocos nucifera</i> (coconut)----- Returned military equipment-----	Guam----- Guam, Phil- ippines, Sai- pan, Tinian Island.-----	1----- 13-----	-----	-----	California.* California.*, New York.
<i>Acrolepia assectella</i> (Zell.) (Hypono- meutidae): <i>Allium cepa</i> (onion)----- <i>Allium porrum</i> (leek)-----	Italy----- France, Netherlands-----	-----	1----- 4-----	-----	Texas. Pennsylvania
<i>Acroleucus vicinalis</i> Dist. (Lygaeidae): Orchid-----	Mexico-----	-----	-----	1-----	Texas.
<i>Acrosticta mexicana</i> Cole (Otitidae): <i>Ananas comosus</i> (pineapple)-----	----- do-----	1-----	-----	-----	Do.
<i>Adelocera longicornis</i> Champ. (Elateri- dae): Orchid-----	----- do-----	-----	-----	1-----	Do.
<i>Adoretus sinicus</i> Burm. (Scarabaeidae): Airplane----- Baggage----- <i>Hibiscus</i> sp.----- <i>Ipomoea tuberosa</i> (woods rose)----- <i>Strelitzia reginae</i> (bird-of-paradise- flower)-----	Hawaii----- ----- do----- do----- do-----	----- ----- 1----- 1----- 1-----	1----- 1----- -----	-----	Hawaii. Do. Do. Do. Do.
<i>Aeoloides griseascens</i> (Germ.) (Elateridae): <i>Beta</i> sp.-----	Union of South Africa-----	-----	1-----	-----	New York.
<i>Aeolothrips brevicornis</i> Bagn. (Aeolo- thripidae): <i>Erica</i> sp.-----	----- do-----	2-----	-----	-----	Do.
<i>Aeolus pulchellus</i> Cand. (Elateridae): Airplane-----	Salvador-----	-----	1-----	-----	Louisiana.
<i>Agallia quadripunctata</i> (Prov.) (Cica- dellidae): <i>Phlox subulata</i> (moss phlox)----- Woods moss-----	Canada----- do-----	----- -----	-----	1----- 1-----	New Jersey. Do.
<i>Agalliopsis novella</i> (Say) (Cicadellidae): Woods moss-----	----- do-----	-----	-----	1-----	Do.
<i>Aglossa cupreatis</i> (Hbn.) (Pyralidae): <i>Salix</i> sp. (willow)----- <i>Triticum aestivum</i> (wheat)-----	Portugal----- Azores-----	1----- 1-----	-----	-----	Massachusetts. Do.
<i>Agonosoma trilineata</i> (F.) (Pentato- midae): Orchid-----	Canal Zone-----	-----	-----	1-----	Puerto Rico.
<i>Alcidodes dentipes</i> (Oliv.) (Curculioni- dae): <i>Ipomoea batatas</i> (sweetpotato)-----	Sierra Leone, West Africa-----	1-----	1-----	-----	Massachusetts, New York.
<i>Aleurocanthus woglumi</i> Ashby (Aleyro- didae): <i>Citrus aurantifolia</i> (sour lime)-----	Mexico-----	21-----	1-----	1-----	Arizona, California*, Texas.
<i>Citrus sinensis</i> (orange)----- <i>Citrus</i> sp.-----	----- do-----	1----- 12-----	-----	-----	Texas. Arizona, Texas.
<i>Aleuroglandulus emmae</i> Russell (Aleyrodidae): Orchid-----	----- do-----	-----	-----	1-----	Texas.

List of pests (insects) collected and reported from July 1, 1948, to June 30, 1949, inclusive
—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Aleuroparadoxus gardeniae</i> Russell (Aleyrodidae): <i>Gardenia augusta</i> (gardenia)	do.....	6	-----	-----	California* Texas.
<i>Aleuroplatus coccolus</i> Q. & B. (Aleyro- didae): Palm.....	do.....	1	-----	-----	Arizona.
<i>Aleurothrixus myrtacei</i> Bondar (?) (Aleyrodidae): <i>Myrtus</i> sp. (myrtle).....	Brazil.....	-----	-----	1	Florida.
<i>Aleurotrachelus camelliae</i> (Kuw.) (Aleyrodidae): <i>Camellia japonica</i> (camellia).....	Japan.....	-----	-----	1	Do.
<i>Aleurotrachelus trachoides</i> (Back) (Aleyrodidae): <i>Annona squamosa</i> (sugar-apple).....	Cuba.....	1	-----	-----	Do.
<i>Algarobius ceratioborus</i> (Philippi) (Bruchidae): <i>Acacia farnesiana</i> (cascalote).....	Salvador.....	1	-----	-----	Louisiana.
<i>Caesalpinia brevifolia</i>	Chile.....	2	-----	-----	New York.
<i>Cordia tricholoma</i>	Argentina.....	-----	-----	1	District of Col- umbia.
<i>Prosopis algarobilla</i>	do.....	-----	-----	1	Do.
<i>Prosopis nigra</i>	do.....	-----	-----	1	Oregon.
<i>Algarobius prosopis</i> (Lec.) (Bruchidae): <i>Prosopis pubescens</i> (screw bean).....	Mexico.....	1	-----	-----	Texas.
<i>Prosopis</i> sp.....	Hawaii, Mexico.....	2	-----	-----	Arizona, Hawaii.
<i>Allantus cinctus</i> (L.) (Tenthredinidae): <i>Kerria</i> sp.....	Netherlands.....	-----	-----	1	New Jersey.
<i>Magnolia soulangeana</i> (saucer mag- nolia).....	do.....	-----	-----	1	Do.
<i>Magnolia</i> sp.....	do.....	-----	-----	1	Do.
<i>Weigela</i> sp.....	do.....	-----	-----	1	Do.
<i>Alpheias conspirata</i> Hein. (Galleriidae): <i>Ananas comosus</i> (pineapple).....	Mexico.....	56	-----	-----	Texas.
<i>Amorbia emigratella</i> Busck (Tortricidae): Cut flowers.....	do.....	1	-----	-----	Do.
<i>Gardenia augusta</i> (gardenia).....	do.....	1	-----	-----	Do.
<i>Zingiber</i> sp.....	Hawaii.....	1	-----	-----	California.
<i>Amphicerus cornutus</i> (Pallas) Bostrichi- dae): Orchid.....	Mexico.....	-----	-----	1	Texas.
Wood.....	India, Mexico.....	4	-----	-----	Missouri, New York, Wash- ington.
<i>Ananca hottentota</i> Fairm. (Oedemeridae): <i>Protea</i> sp.....	Union of South Africa.....	1	-----	-----	New York.
<i>Anastrepha fraterculus</i> (Wied.), (Tephritidae): <i>Citrus paradisi</i> (grapefruit).....	Brazil.....	-----	2	-----	Maryland, New York.
<i>Citrus sinensis</i> (orange).....	do.....	-----	2	-----	New York.
<i>Mangifera indica</i> (mango).....	Dominican Republic, Mexico, Sal- vador, Tri- nidad.....	7	-----	-----	Alabama, New York, Texas.
<i>Anastrepha fraterculus</i> (Wied.) (?) (Tephritidae): <i>Annona cherimola</i> (cherimoya).....	Chile.....	1	-----	-----	District of Col- umbia.
<i>Citrus sinensis</i> (orange).....	Brazil, Peru.....	1	1	-----	Alabama, Maryland, New York.
<i>Vitis</i> sp. (grape).....	Argentina.....	3	-----	-----	-----
<i>Anastrepha ludens</i> (Loew) (Tephritidae): <i>Annona</i> sp.....	Guatemala.....	1	-----	-----	Louisiana.
<i>Citrus aurantifolia</i> (sweet lime).....	Mexico.....	22	-----	-----	Texas.
<i>Citrus aurantium</i> (sour orange).....	do.....	2	-----	-----	Do.
<i>Citrus paradisi</i> (grapefruit).....	do.....	8	-----	-----	Do.
<i>Citrus reticulata</i> (tangerine).....	do.....	1	-----	-----	Do.
<i>Citrus sinensis</i> (orange).....	Costa Rica, Guatemala, Mexico.....	100	4	-----	Louisiana Texas.

List of pests (insects) collected and reported from July 1, 1948, to June 30, 1949, inclusive
—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Anastrepha ludens</i> —Continued					
<i>Cydonia oblonga</i> (quince).....	Mexico.....	3	-----	-----	Texas.
<i>Malus sylvestris</i> (apple).....	do.....	2	-----	-----	Do.
<i>Mammea americana</i> (mamey).....	Guatemala.....	1	-----	-----	Do.
<i>Mangifera indica</i> (mango).....	Guatemala.....	22	2	-----	Arizona,
	Honduras,				California,
	Mexico.				Louisiana,
					Texas.
<i>Persea americana</i> (avocado).....	Mexico.....	2	-----	-----	Texas.
<i>Prunus persica</i> (peach).....	do.....	2	-----	-----	Do.
<i>Punica granatum</i> (pomegranate).....	do.....	4	-----	-----	Do.
<i>Pyrus communis</i> (pear).....	do.....	4	-----	-----	Do.
Sapote.....	do.....	1	-----	-----	Do.
<i>Anastrepha mombinpraeoptans</i> Sein (Tephritidae):					
<i>Mangifera indica</i> (mango).....	Bermuda.....	108	11	-----	Alabama,
	Costa Rica,				California*,
	Dominican				Florida*,
	Republic,				Louisiana,
	Guatemala,				Maryland,
	Haiti,				Massachu-
	Honduras				setts, New
	Jamaica,				York, Penn-
	Mexico,				sylvania,
	Panama,				Puerto Rico
	Puerto Rico,				Texas.
	Salvador.				Virginia.
<i>Psidium guajava</i> (guava).....	Cuba, Puerto	32	-----	-----	Florida*,
	Rico, Sal-				Louisiana,
	vador.				New York,
					Pennsylvan-
					ia, Puerto
					Rico.
<i>Spondias mombin</i> (yellow mombin).....	Guatemala,	9	1	-----	California*,
	Mexico,				Florida*,
	Puerto Rico,				Louisiana,
	Salvador,				New York,
	Trinidad.				Texas.
<i>Spondias</i> sp.....	Guatemala.....	4	-----	-----	Louisiana,
	Puerto Rico,				New York.
	Salvador.				
<i>Anastrepha mombinpraeoptans</i> Sein (?) (Tephritidae):					
<i>Mangifera indica</i> (mango).....	Panama, Trin-	-----	3	-----	Alabama,
	idad.				Texas.
<i>Anastrepha serpentina</i> (Wied.) (Tephritidae):					
<i>Achras zapota</i> (sapodilla).....	Guatemala.....	2	-----	-----	Florida*,
	Venezuela.				Louisiana.
<i>Calocarpum zapota</i> (sapote).....	Guatemala.....	1	-----	-----	Do.
<i>Chrysophyllum cainito</i> (star-apple).....	Mexico.....	-----	2	-----	New York.
<i>Citrus paradisi</i> (grapefruit).....	Trinidad.....	-----	2	-----	Florida*,
<i>Citrus sinensis</i> (orange).....	do.....	-----	2	-----	Puerto Rico
<i>Mammea americana</i> (mamey).....	Mexico.....	6	-----	-----	Texas.
Sapote.....	Panama.....	1	-----	-----	Do.
<i>Anastrepha serpentina</i> (Wied.) (?) (Tephritidae):					
<i>Achras zapota</i> (sapodilla).....	Netherlands ..	1	-----	-----	New York.
	West Indies.				
<i>Anastrepha suspensa</i> (Loew) (Tephritidae):					
<i>Citrus sinensis</i> (orange).....	Puerto Rico....	1	-----	-----	Do.
<i>Psidium guajava</i> (guava).....	Cuba, Puerto	10	-----	-----	Florida*,
	Rico.				Massachu-
					setts, New
					York, Puerto
					Rico.
<i>Ancylostomia stercorea</i> (Zell.) (Phycitidae):					
<i>Cajanus cajan</i> (pigeonpea).....	Bahamas,	29	-----	-----	Maryland,
	Dominican				New York,
	Republic,				Pennsylvan-
	Panama				ia, Puerto
	Puerto Rico,				Rico,
	Trinidad.				Virginia.

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		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Andricus glandium</i> Giraud (Cynipidae): <i>Quercus</i> sp. (valonia).....	Turkey.....	1			New York.
<i>Anomala rufocuprea viridiaenea</i> Ohaus (Scarabaeidae): <i>Cupressus</i> sp. (cypress).....	Japan.....			1	Washington.
<i>Anesthia variegata</i> (Thunberg) (Pentato- midae): <i>Protea</i> sp.....	Union of South Africa.....		1		New York.
<i>Anesthia variegata lineaticollis</i> (Stal) (Pentatomidae): <i>Protea</i> sp.....	do.....	1			Do.
<i>Anthonomus albolineatus</i> Champ. (Cur- culionidae): Orchid.....	Mexico.....			2	Texas.
<i>Anthonomus incanus</i> Champ. (Curcu- lionidae): Orchid.....	do.....			1	Arizona.
<i>Anthonomus rectirostris</i> (L.) (Curculion- idae): <i>Prunus padus</i> (European bird cherry)	Austria.....			1	New Jersey.
<i>Anuraphis helichrysi</i> (Kltb.) (Aphidae): <i>Chrysanthemum</i> sp.....	England, Nor- way, Scot- land.....	3			Massachusetts, New York.
<i>Anuraphis tulipae</i> (Fonse.) (Aphidae): <i>Anemone</i> sp.....	Bermuda.....	1			New York.
<i>Crocus</i> sp.....	Netherlands.....			1	New Jersey.
<i>Iris bucharica</i>	do.....			1	Do.
<i>Iris hoogiana</i>	do.....			2	Do.
<i>Iris susiana</i> (mourning iris).....	England, France, Netherlands.....			12	Do.
<i>Iris ziphioides</i> (English iris).....	Netherlands.....			1	Do.
<i>Iris</i> sp.....	England, France, Netherlands.....			9	California*, New Jersey.
<i>Tulipa</i> sp. (tulip).....	Belgium, Netherlands.....			4	New Jersey, New York.
<i>Aonidiella citrina</i> (Coq.) (Coccidae): <i>Canarium odoratum</i> ("ilangilang").....	Philippines.....	1			Minnesota.
<i>Citrus paradisi</i> (grapefruit).....	Australia.....		1		California*
<i>Cordia</i> sp.....	Mexico.....	1			Texas.
<i>Aonidiella comperei</i> McKenzie (Cocci- dae): <i>Citrus aurantifolia</i> (sour lime).....	Trinidad.....	1			Florida.*
<i>Aonidiella inornata</i> McKenzie (Cocci- dae): <i>Citrus reticulata</i> (tangerine).....	Philippines.....		2		California.*
<i>Cocos nucifera</i> (coconut).....	Philippines, South Pacific.....	3	3		Do.
<i>Jasminum sambac</i> (Arabian jasmine)	Hawaii.....			1	Do.
<i>Jasminum</i> sp.....	do.....	1			Do.
<i>Musa paradisiaca sapientum</i> (banana).....	Truk.....	1			Hawaii.
<i>Aoromius quinquepunctatus</i> (L.) (Curculionidae): <i>Vicia</i> sp. (vetch).....	France.....	1			Maryland.
<i>Aphanus saturnius</i> (Rossi) (Lygaeidae): <i>Vitis</i> sp. (grape).....	Italy.....	1			New York.
<i>Aphanus umbrus</i> Dist. (Lygaeidae): <i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	1			Texas.
<i>Apion carduorum</i> Kby. (Curculionidae): <i>Cynara cardunculus</i> (cardoon).....	Italy.....			1	New York.
<i>Cynara scolymus</i> (globe artichoke).....	France, Italy.....	2	2		Do.
<i>Apion pomonae</i> F. (Curculionidae): <i>Vicia</i> sp. (vetch).....	France, Por- tugal, Spain.....	3			Alabama, New York.
<i>Araecerus vieillardii</i> (Montr.) (Anthri- bidae): Airplane.....	Australia.....		1		Hawaii.
<i>Ipomoea tuberosa</i> (wood rose).....	Hawaii.....	1			Do.
<i>Argyresthia conjugella</i> Zell. (Hypono- meutidae): <i>Malus sylvestris</i> (apple).....	Norway.....	1			New York.

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<i>Argyrotaenia franciscana</i> (Wism.) (?) (Tortricidae):					
<i>Malus sylvestris</i> (apple).....	Mexico.....		1		California.*
<i>Artipus floridanus</i> Horn (Curculionidae):					
Herbaceous plant.....	Bahamas.....	1			Florida*.
<i>Arvelius albopunctatus</i> (Deg.) (Pentatomidae):					
<i>Capsicum frutescens</i> (pepper).....	Mexico.....	1			Texas.
<i>Lycopersicon esculentum</i> (tomato).....	do.....	3			Arizona, Texas.
<i>Aspidiotus abietis</i> (Schr.) (Coccidae):					
<i>Abies</i> sp. (fir).....	Czechoslovakia.....			1	New York.
<i>Aspidiotus coryphae</i> Ckll. & Rob. (Coccidae):					
<i>Cocos nucifera</i> (coconut).....	Philippines.....		1		California.*
<i>Aspidiotus degeneratus</i> (Leon.) (Coccidae):					
<i>Camellia</i> sp.....	China.....			2	Do.
<i>Aspidiotus destructor</i> Sign. (Coccidae):					
<i>Cocos nucifera</i> (coconut).....	Canal Zone, Costa Rica, Guatemala, Honduras, Mexico, Puerto Rico.....	16	5		California,* Florida,* Texas.
<i>Mammea americana</i> (mamey).....	Puerto Rico.....			1	New York.
<i>Musa paradisiaca sapientum</i> (banana).....	Costa Rica, Cuba, Guatemala, Jamaica.....	19			California,* Florida.*
Palm.....	Cuba.....	1			Florida.*
Plant leaf.....	Jamaica.....			1	California.*
<i>Aspidiotus diffinis</i> Newst. (Coccidae):					
<i>Achras zapota</i> (sapodilla).....	Mexico.....	1			Do.
<i>Philodendron</i> sp.....	Colombia.....			1	Florida.*
<i>Aspidiotus excisus</i> Green (Coccidae):					
<i>Citrus aurantifolia</i> (sour lime).....	Straits Settlements, Philippines.....		1		California.*
Plant.....	Philippines.....	1			Washington.
<i>Aspidiotus herculeanus</i> Ckll. & Hadden (Coccidae):					
<i>Plumeria</i> sp.....	Hawaii.....	1			California.*
<i>Aspidiotus palmarum</i> Ckll. (Coccidae):					
<i>Citrus aurantifolia</i> (sour lime).....	Mexico.....		1		Do.
<i>Citrus sinensis</i> (orange).....	Costa Rica.....		1		Do.
<i>Lycaste gigantea</i> (orchid).....	do.....			1	Florida.*
<i>Musa paradisiaca sapientum</i> (banana).....	Costa Rica, Nicaragua, Costa Rica.....	5			California.*
<i>Philodendron</i> sp.....	Costa Rica.....			1	Florida.
<i>Aspidiotus pseudomeyeri</i> Kuw. (Coccidae):					
<i>Cupressus</i> sp. (cypress).....	Japan.....			1	Washington.
<i>Aspidiotus spinosus</i> Comst. (Coccidae):					
<i>Cocos nucifera</i> (coconut).....	Hawaii.....	2			California.*
<i>Diospyros</i> sp. (persimmon).....	Greece.....	1			Massachusetts
<i>Lachia anceps</i> (orchid).....	Mexico.....			1	Texas.
<i>Musa paradisiaca sapientum</i> (banana).....	Nicaragua.....	2			California.*
<i>Asterolecanium bambusae</i> (Bdv.) (Coccidae):					
Bamboo.....	British Guiana, Mexico.....	5			Arizona, New York.
<i>Asterolecanium epidendri</i> (Bouche) (Coccidae):					
<i>Anthurium</i> sp.....	Costa Rica.....			1	Florida.
<i>Catasetum viridiflorum</i> (orchid).....	Canal Zone.....			1	New Jersey.
<i>Cattleya dowiana</i> (orchid).....	Costa Rica.....			1	California.*
<i>Cattleya tueddemanniana</i>	Venezuela.....			1	Texas.
<i>Cattleya</i> sp.....	Costa Rica.....			1	Do.
<i>Dendrobium</i> sp. (orchid).....	Brazil.....			1	California,*
<i>Lachia anceps</i> (orchid).....	Mexico.....	1			Texas.
<i>Oncidium flexuosum</i> (orchid).....	Brazil.....			1	New Jersey.
<i>Oncidium lanceanum</i>	Trinidad.....			1	Do.
Orchid.....	Canal Zone, Costa Rica, Jamaica.....			3	Florida, Puerto Rico.
<i>Asterolecanium pustulans</i> (Ckll.) (Coccidae):					
<i>Achras zapota</i> (sapodilla).....	Puerto Rico.....	1			New York.

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<i>Asterolecanium pustulans</i> —Continued					
<i>Jasminum sambac</i> (Arabian jasmine)	Hawaii	-----	-----	1	California.*
<i>Nerium oleander</i> (oleander)	Bahamas	-----	-----	1	New York.
<i>Pumeria</i> sp.	Hawaii	-----	-----	1	California.*
<i>Asterolecanium stentae</i> Brain (Coccidae):					
<i>Heurnia vogtsii</i>	Transvaal	-----	-----	1	Do.
<i>Athesapeuta cyperi</i> Mshl. (Curculionidae):					
<i>Vanda</i> sp. (orchid)	Hawaii	-----	-----	-----	Hawaii.
<i>Athous haemorrhoidalis</i> (F.) (Elateridae):					
Soil around plants	England	-----	-----	1	New York.
<i>Athous niger</i> (L.) (Elateridae):					
<i>Paeonia</i> sp. (peony)	Netherlands	-----	-----	1	New Jersey.
<i>Athous subfuscus</i> (Mull.) (Elateridae):					
Soil	France	-----	-----	1	Do.
<i>Athous vittatus</i> (F.) (Elateridae):					
Soil	do	-----	-----	1	Do.
<i>Attelabus corvinus</i> Gyll. (Curculionidae):					
Orchid	Mexico	-----	-----	1	Texas.
<i>Baris coerulescens</i> (Scop.) (Curculionidae):					
<i>Raphanus sativus</i> (radish)	France	-----	1	-----	New York.
<i>Barynotus moerens</i> (F.) (Curculionidae):					
Soil around <i>Conwallaria</i> plps.	England	-----	1	-----	Pennsylvania.
<i>Barypeithes araneiformis</i> Schr. (Curculionidae):					
<i>Fragaria</i> sp. (strawberry)	Ireland	-----	1	-----	Massachusetts.
<i>Bibio johannis</i> (L.) (Bibionidae):					
Soil	France	-----	-----	1	New Jersey.
<i>Blastophagus piniperda</i> (L.) (Scolytidae):					
<i>Pinus</i> sp. (pine)	Germany, Netherlands, Poland.	8	-----	-----	Alabama, New York, Texas.
Wooden strips around peat moss	Netherlands	1	-----	-----	Louisiana.
<i>Brachycerus abidentatus</i> Gyll. (Curculionidae):					
<i>Allium sativum</i> (garlic)	Italy	4	-----	-----	New York.
<i>Brachycerus algirus</i> F. (Curculionidae):					
<i>Allium sativum</i> (garlic)	do	6	2	-----	Louisiana, New York, Texas.
<i>Brachyrhinus meridionalis</i> (Gyll.) (Curculionidae):					
<i>Lilium candidum</i> (Madonna lily)	France	-----	-----	1	New York.
<i>Brachyrhinus singularis</i> (L.) (Curculionidae):					
Grass and weed roots in soil ballast	Scotland	1	-----	-----	Alabama.
<i>Brachyrhinus sulcatus</i> F. (Curculionidae):					
<i>Astilbe</i> sp.	Netherlands	-----	-----	1	New Jersey.
<i>Ribes alpinum</i> (mountain currant)	do	-----	-----	1	Do.
Soil around rhododendron roots	Azores	-----	-----	1	New York.
<i>Brentus anchorago</i> (L.) (Brentidae):					
<i>Cybtisax donnell-smithii</i> (primavera)	Honduras	1	-----	-----	Louisiana.
<i>Bruchidius biguttatus fulvipennis</i> (Germ.) (Bruchidae):					
<i>Cistus</i> sp.	Turkey	-----	-----	1	District of Columbia.
<i>Bruchidius incarnatus</i> (Boh.) (Bruchidae):					
<i>Vicia faba</i> (broadbean)	Egypt, Lebanon.	3	1	-----	Massachusetts, New York, Texas.
<i>Bruchidius lividimanus</i> (Gyll.) (Bruchidae):					
<i>Cytisus scoparius</i> (Scotch broom)	Italy	-----	-----	1	New Jersey.
<i>Bruchidius quinqueguttatus</i> (Oliv.) (Bruchidae):					
<i>Vicia</i> sp. (vetch)	Turkey	1	-----	-----	New York.
<i>Bruchus affinis</i> Froel. (Bruchidae):					
Grain used for monkey food	India	-----	1	-----	Georgia.
<i>Lathyrus odoratus</i> (sweet pea)	Switzerland	-----	-----	1	Ohio.
<i>Vicia</i> sp. (vetch)	France	1	-----	-----	Alabama.
<i>Bruchus atomarius</i> (L.) (Bruchidae):					
<i>Vicia faba</i> (broadbean)	Turkey	-----	-----	1	District of Columbia.

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<i>Bruchus dentipes</i> Baudi (Bruchidae): <i>Vicia faba</i> (broadbean).....	Lebanon.....	2	-----	-----	New Jersey, New York.
<i>Bruchus emarginatus</i> Allard (Bruchidae): <i>Pisum sativum</i> (pea).....	India.....	-----	-----	4	District of Columbia.
<i>Bruchus ervi</i> Froel. (Bruchidae): <i>Lens culinaris</i> (lentil).....	Lebanon,----- Italy, Syria, Turkey.	7	-----	7	District of Columbia, New Jersey, New York.
<i>Vicia ervillia</i> (bitter vetch).....	Turkey.....	-----	-----	1	District of Columbia.
<i>Bruchus guttalis</i> Rey (Bruchidae): <i>Vicia</i> sp. (vetch).....	France, Mad- eira Islands, Portugal, unknown.	5	-----	-----	Michigan, New York, Ohio, Pennsylvan- ia.
<i>Bruchus hamatus</i> Mill. (Bruchidae): <i>Vicia sativa</i> (vetch).....	Turkey.....	-----	-----	3	District of Columbia.
<i>Bruchus lentis</i> Froel. (Bruchidae): <i>Lens culinaris</i> (lentil).....	Italy, Turkey..	5	-----	7	District of Columbia, New Jersey, New York.
<i>Bruchus luteicornis</i> Ill. (Bruchidae): <i>Vicia</i> sp. (vetch).....	Belgium,----- France, Italy, Switzerland.	23	-----	-----	Alabama, Louisiana, Maryland, New York, Texas.
<i>Bruchus rufipes</i> Hbst. (Bruchidae): Legume seed.....	Turkey.....	-----	-----	2	District of Columbia.
<i>Vicia</i> sp. (vetch).....	France, Tur- key.	1	-----	4	Alabama, Dis- trict of Col- umbia.
<i>Bruchus signaticornis</i> Gyll. (Bruchidae): <i>Lens culinaris</i> (lentil).....	Italy.....	7	-----	2	New Jersey, New York.
<i>Bruchus tristiculus</i> Fahr. (Bruchidae): <i>Lathyrus odoratus</i> (sweet pea).....	Turkey.....	-----	-----	1	District of Columbia, Texas.
<i>Vicia</i> sp. (vetch).....	Italy.....	-----	1	-----	New York.
<i>Bruchus tristis</i> Boh. (Bruchidae): Bean.....	do.....	-----	-----	1	District of Columbia.
<i>Lathyrus sativus</i> (grass pea).....	Turkey.....	-----	-----	1	New Jersey, New York.
<i>Lathyrus</i> sp.	Italy.....	3	-----	1	District of Columbia.
Legume seed.....	Turkey.....	-----	-----	1	Do.
<i>Vicia ervillia</i> (bitter vetch).....	do.....	-----	-----	1	New York.
<i>Vicia faba</i> (broadbean).....	Italy.....	1	-----	-----	Missouri.
<i>Vicia</i> sp. (vetch).....	Netherlands..	1	-----	-----	-----
<i>Bruchus ulicis</i> Muls. (Bruchidae): <i>Vicia ervillia</i> (bitter vetch).....	Turkey.....	-----	-----	2	District of Columbia.
<i>Vicia sativa</i> (vetch).....	do.....	-----	-----	1	Do.
<i>Callitidium violaceum</i> (L.) (Ceramby- cidae):	-----	-----	-----	-----	-----
<i>Picea</i> sp. (spruce).....	Finland,----- Sweden.	3	-----	-----	New York.
<i>Pinus</i> sp. (pine).....	Finland,----- Germany, Sweden.	6	-----	-----	Louisiana, New York.
Wood.....	Norway.....	2	-----	-----	Oregon.
<i>Calligrapha argus</i> Stal (Chrysomelidae): Orchid.....	Mexico.....	-----	-----	1	Texas.
<i>Calligrapha elegantula</i> Jac. (Chrysomeli- dae):	-----	-----	-----	-----	-----
<i>Cattleya</i> sp. (orchid).....	Costa Rica.....	-----	-----	1	Florida.
<i>Callirhytis sonoreae</i> Weld (Cynipidae): <i>Quercus</i> sp. (oak).....	Mexico.....	21	-----	-----	Arizona.

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<i>Callosobruchus ademptus</i> (Sharp) (Bruchidae): <i>Pueraria thunbergiana</i> (kudzu-bean)	Japan			2	New Jersey, Washington.
<i>Callosobruchus analis</i> (F.) (Bruchidae): <i>Cicer arietinum</i> (chickpea)	India			1	District of Columbia.
<i>Phaseolus aureus</i>	do.			1	Do.
<i>Callosobruchus chinensis</i> (L.) (Bruchi- dae): Bean	China, Italy, Philippines.	4			Hawaii, Illinois, New York.
<i>Cajanus cajan</i> (pigeonpea)	British Guiana, British West Indies, Jamaica, Philippines, Puerto Rico.	6		3	Florida, New Jersey, New York, Pennsylvan- ia.
<i>Cicer arietinum</i> (chickpea)	India, Italy, Puerto Rico.	5	2		Georgia, New York.
<i>Cordylone terminalis</i> (tl)	Hawaii	1			Hawaii.
<i>Dolichos biflorus</i> (twinflower dolichos)	India			3	District of Columbia.
<i>Glycine max</i> (soybean) "Gramme"	China, India			3	Do.
<i>Lathyrus</i> sp.	India		1		Georgia.
Legume seed	do.			1	District of Columbia.
Mixed grain	Philippines			1	New Jersey.
<i>Phaseolus aureus</i> (mung bean)	India		1		Georgia.
<i>Phaseolus vulgaris</i> (kidney bean)	do.			5	District of Columbia.
<i>Phaseolus</i> sp.	do.			2	Do.
	India, Italy	1		2	District of Col- umbia, New York.
<i>Pisum</i> sp.	China			1	District of Columbia.
Seed	Philippines			2	Missouri.
<i>Vicia faba</i> (broadbean)	Italy	2			New York.
<i>Vigna sesquipedalis</i> (asparagus-bean)	Japan			1	Washington.
<i>Vigna sinensis</i> (cowpea)	India, Jamai- ca, Philip- pines.	2		3	District of Col- umbia, New Jersey, New York.
<i>Vigna</i> sp.	Italy	1			New York.
<i>Callosobruchus maculatus</i> (F.) (Bruchi- dae): Bean	Mexico, Nigeria, Norway, Turkey.		2	2	District of Columbia, Florida, Texas.
<i>Cajanus cajan</i> (pigeonpea)	Barbados, Jamaica, Venezuela.	3		1	New York.
<i>Cicer arietinum</i> (chickpea)	India, Turkey		2	1	District of Columbia, New York.
<i>Hibiscus esculentus</i> (okra)	Turkey			1	District of Columbia.
<i>Lathyrus</i> sp.	Greece			2	Texas.
Legume seed	Turkey			1	District of Columbia.
<i>Phaseolus aureus</i> (mung bean)	Mexico, Tur- key.	1		1	Arizona, Dis- trict of Col- umbia.
<i>Phaseolus lunatus macrocarpus</i> (lima bean)	Spain		1		Texas.
<i>Phaseolus vulgaris</i> (kidney bean)	Turkey			1	District of Columbia.
<i>Phaseolus</i> sp.	Italy	1			New York.
<i>Pisum sativum</i> (pea)	Norway, Trin- idad, un- known.	1	2		Oregon, Texas.

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<i>Callosobruchus maculatus</i> —Continued					
<i>Vigna sinensis</i> (cowpea).....	Canal Zone, Nigeria, Turkey, Egypt, Nigeria	4	-----	3	District of Columbia, New York, New Jersey, New York.
<i>Vigna</i> sp.....		2	-----	-----	
<i>Callosobruchus phaseoli</i> (Gyll.) (Bruchiade):					
<i>Dolichos lablab</i> (hyacinth-bean)....	Hawaii, India, Jamaica.	2	-----	3	District of Columbia, Hawaii, New York.
<i>Dolichos</i> sp.	Jamaica	1	-----	-----	New Jersey.
<i>Camirus conicus</i> (Germar) (Pentatomidae):					
<i>Chrysanthemum</i> sp.....	Mexico	1	-----	1	Texas. Do.
<i>Caryedon fuscus</i> Goeze (Bruchiade):	do.	-----	-----	-----	
<i>Cassia javanica</i> (appleblossom senna)	Hawaii	1	-----	-----	Hawaii. Do.
<i>Cassia</i> sp.....	do.	1	-----	-----	Virginia.
<i>Tamarindus indica</i> (tamarind).....	India	-----	2	-----	
<i>Cassida nebulosa</i> L. (Chrysomelidae):					
Woods moss around rose cutting	Germany	-----	-----	1	New Jersey.
<i>Catoplatus fabriei</i> Stal (Tingidae):					
Woods moss	France	-----	-----	1	Do.
<i>Caulophilus latinasus</i> Say (Curculionidae):					
<i>Persea americana</i> (avocado)	Mexico	-----	-----	1	Texas.
<i>Celerio lineata</i> (F.) (Sphingidae):					
<i>Portulaca oleracea</i> (purslane)	do.	10	-----	-----	Do.
<i>Zea mays</i> (corn)	do.	1	-----	-----	Do.
<i>Cephaloctenus scarabaeoides</i> (F.) (Pentatomidae):					
Soil around roots of citrus seedlings	Morocco	-----	-----	2	Virginia.
<i>Ceratitidis capitata</i> (Wied.) (Tephritidae):					
<i>Curica papaya</i> (papaya)	Hawaii.	1	-----	-----	Washington.
<i>Citrus paradisi</i> (grapefruit).....	Cyprus, Egypt, Hawaii, Italy, Morocco, Union of South Africa, Uruguay.	1	9	-----	Alabama, New York, Pennsylvania, Texas.
<i>Citrus reticulata</i> (tangerine).....	Italy, Portugal, Spain.	10	4	-----	Florida*, Massachusetts, New York.
<i>Citrus sinensis</i> (orange).....	Algeria, Azores, Brazil, Cyprus, Egypt, Italy, Portugal, Spain, Union of South Africa.	11	22	-----	Florida*, Louisiana, Maryland, Massachusetts, New York, Pennsylvania, Texas, Virginia.
<i>Coffea</i> sp. (coffee).....	Brazil, Hawaii	5	-----	-----	New York, Hawaii.
<i>Cydonia oblonga</i> (quince).....	Italy	4	-----	-----	New York.
<i>Diospyros</i> sp. (persimmon)	do.	2	-----	-----	Massachusetts, New York.
<i>Eriobotrya japonica</i> (loquat).....	Azores, Italy	3	-----	-----	Massachusetts, New York.
<i>Ficus carica</i> (fig).....	Azores, Italy, unknown.	5	-----	-----	Illinois, Massachusetts, New York.
<i>Lycopersicon esculentum</i> (tomato).....	Hawaii	-----	1	-----	Mississippi.
<i>Malus sylvestris</i> (apple).....	Azores, Italy, Spain.	4	1	-----	New York, Pennsylvania, Puerto Rico.
<i>Mangifera indica</i> (mango).....	Brazil	1	-----	-----	Virginia.
<i>Mespilus germanica</i> (medlar).....	Italy	1	-----	-----	Massachusetts.
<i>Opuntia compressa</i> (pricklypear).....	do.	6	-----	-----	New York.

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<i>Ceratitis capitata</i> —Continued					
<i>Passiflora edulis</i> (purple granadilla).....	Azores, Cape Verde Islands.	1	-----	-----	New York.
<i>Prunus armeniaca</i> (apricot).....	France.....	1	2	-----	Massachusetts
<i>Prunus domestica</i> (plum).....	Greece.....	-----	1	-----	New York.
<i>Prunus persica</i> (peach).....	Algeria, France, Italy, Lebanon, Morocco, Portugal, Spain.	5	9	-----	Florida*, Illinois, New York, Pennsylvania, Texas.
<i>Psidium guajava</i> (guava).....	Palestine.....	1	-----	-----	New York.
<i>Punica granatum</i> (pomegranate).....	Italy.....	2	-----	-----	Do.
<i>Pyrus communis</i> (pear).....	Italy, Portugal, Spain, unknown.	5	5	-----	Illinois, Massachusetts, New York, Pennsylvania.
<i>Vitis</i> sp. (grape).....	Argentina, Madeira Islands, Portugal.	2	1	-----	Louisiana, Massachusetts, Pennsylvania.
With contraband containing oranges and <i>Citrus</i> sp.	Lebanon.....	1	-----	-----	New York.
<i>Ceratitidis capitata</i> (Wied.) (?) (Tephritidae):					
<i>Citrus limon</i> (lemon).....	Italy.....	-----	1	-----	Pennsylvania.
<i>Citrus paradisi</i> (grapefruit).....	Cyprus (?), Morocco.	-----	3	-----	New York, Pennsylvania, Texas.
<i>Citrus sinensis</i> (orange).....	Brazil, Union of South Africa.	2	3	-----	New York, Texas.
<i>Prunus armeniaca</i> (apricot).....	Syria.....	1	-----	-----	New York.
<i>Prunus domestica</i> (plum).....	Portugal.....	1	-----	-----	Massachusetts.
<i>Prunus persica</i> (peach).....	Italy, Morocco.	-----	2	-----	South Carolina, Virginia.
<i>Psidium guajava</i> (guava).....	Madeira Islands.	1	-----	-----	Massachusetts.
<i>Pyrus communis</i> (pear).....	France.....	1	-----	-----	Virginia.
<i>Vitis</i> sp. (grape).....	Argentina.....	1	-----	-----	Louisiana.
<i>Ceroplastes ceriferus</i> (And.) (Coccidae):					
<i>Acer</i> sp. (maple).....	Japan.....	-----	-----	1	California*.
<i>Crataegus</i> sp.....	do.....	-----	-----	1	Do.
<i>Malus</i> sp.....	do.....	-----	-----	1	Do.
<i>Ceroplastes japonicus</i> Green (Coccidae):					
<i>Chaenomeles lagenaria</i> (Japanese quince)	do.....	-----	-----	1	Washington.
<i>Rhododendron</i> sp.....	do.....	-----	-----	1	Do.
<i>Ceroplastes rubens</i> Mask. (Coccidae):					
<i>Alyxia olivaeformis</i> (maile alyxia)	Hawaii.....	1	-----	-----	California*.
<i>Anthurium</i> sp.....	do.....	2	-----	1	Do.
<i>Camellia japonica</i> (camellia).....	Japan.....	-----	-----	1	Florida*.
<i>Chaenomeles</i> sp.....	do.....	-----	-----	1	Washington.
<i>Zantedeschia</i> sp. (?).....	Hawaii.....	1	-----	-----	California*.
<i>Ceroplastes ruscii</i> (L.) (Coccidae):					
<i>Ficus carica</i> (fig).....	Italy, Palestine.	-----	-----	2	New Jersey, New York.
<i>Chaetoclusia bakeri</i> Coq. (Cluslidae):					
Airplane.....	Nicaragua.....	-----	1	-----	Texas.
<i>Chaetocnema concinna</i> (Mshl.) (Chrysomelidae):					
<i>Rosa</i> sp.....	Germany.....	1	-----	-----	New York.
<i>Chaetocnema hortensis</i> (Four.) (Chrysomelidae):					
Sphagnum packing around lily-of-the-valley pips.	Denmark.....	-----	-----	1	Do.
<i>Chalcodermus dentiferus</i> Faust (Curculionidae):					
<i>Ananas comosus</i> (pineapple).....	Mexico.....	1	-----	-----	Texas.

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<i>Chelymophra biannularis</i> Boh. (Chrysomelidae):					
Bromeliad	do			1	Texas.
<i>Chilo simplex</i> (Btlr.) (Crambidae):					
<i>Oryza sativa</i> (rice)	China, Japan	13			California*, Louisiana, Massachu- setts, New York, Penn- sylvania, Texas, Washington.
<i>Chilo simplex</i> (Btlr.) (?) (Crambidae):					
<i>Leersia</i> sp.	Japan	3			Pennsylvania.
<i>Chionaspis asiatica</i> Arch. (Coccidae):					
<i>Prunus</i> sp. (plum)	Afghanistan			1	District of Columbia.
<i>Punica granatum</i> (pomegranate)	do			1	Do.
" <i>Chionaspis</i> " <i>exalbida</i> Ckll. (Coccidae):					
<i>Aloe clavigera</i>	Transvaal			1	California.*
<i>Haworthia</i> sp.	Southwest Af- rica.			2	District of Columbia.
Succulent	do			1	Do.
" <i>Chionaspis</i> " <i>humilis</i> Brain (Coccidae):					
<i>Aloe</i> sp.	Union of South Africa.			1	California.*
" <i>Chionaspis</i> " <i>indigoferae</i> (Hall) (Cocci- dae):					
Cotyledon	do			1	Do.
<i>Crassula congesta</i>	do			1	Do.
<i>Heurnia hystriz</i>	do			1	Do.
Shrub	do			1	Do.
<i>Stapelia namaquensis</i>	do			1	Do.
" <i>Chionaspis</i> " <i>leucadendri</i> Brain (Cocci- dae):					
<i>Leucadendron</i> sp.	do	1			New Jersey.
<i>Chirothrips manicatus</i> Hal. (Thripidae):					
<i>Danthonia glauca</i>	Pretoria			1	District of Columbia.
<i>Chrysoclista atra</i> (Haw.) (Cosmoptery- gidae):					
<i>Malus sylvestris</i> (apple)	Sweden		1		New York.
<i>Chrysomela americana</i> L. (Chrysomeli- dae):					
<i>Rosmarinus</i> sp. (rosemary)	Italy		1		Louisiana.
<i>Chrysomphalus albopictus</i> (Ckll.) (Cocci- dae):					
<i>Cocos nucifera</i> (coconut)	Mexico	1			California.*
<i>Musa paradisiaca sapientum</i> (banana)	Costa Rica	1			Do.
<i>Persea americana</i> (avocado)	Mexico	2			Texas.
<i>Philodendron</i> sp.	Guatemala, Mexico.			2	California, Texas.
<i>Chrysomphalus nigropunctatus</i> (Ckll.) (Coccidae):					
<i>Laelia autumnalis</i> (orchid)	Costa Rica			1	Texas.
<i>Laelia majalis</i>	Mexico			1	Do.
<i>Laelia</i> sp.	do			1	Do.
<i>Chrysomphalus personatus</i> (Comst.) (Coccidae):					
<i>Citrus aurantifolia</i>	Costa Rica		1		California.*
<i>Citrus sinensis</i> (orange)	Brazil		1		Do.
<i>Cocos nucifera</i> (coconut)	Costa Rica		1		Do.
<i>Persea americana</i> (avocado)	Mexico	1			Texas.
<i>Chrysomphalus scutiformis</i> (Ckll.) (Coccidae):					
<i>Gardenia augusta</i> (gardenia)	Mexico	1			California.*
<i>Musa paradisiaca sapientum</i> (banana)	Costa Rica	2			Do.
<i>Tamarindus indica</i> (tamarind)	Mexico	1			Arizona.
<i>Chrysomphalus tenax</i> (McKenzie) (Coccidae):					
<i>Cattleya</i> sp. (orchid)	Guatemala			1	California.*
<i>Monstera</i> sp.	do			2	California*, New Jersey.
<i>Philodendron</i> sp.	do			11	California.*

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<i>Chrysomphalus umboniferus</i> (Newst.) (Coccidae):					
<i>Anthurium</i> sp.	Canal Zone			1	Florida.
<i>Musa paradisica sapientum</i> (banana)	Costa Rica	1			California.*
<i>Oncidium panamense</i> (orchid)	Canal Zone			2	Florida, New
Orchid	Mexico			1	Jersey.
<i>Clerada apicornis</i> Signoret (Lygaeidae):					Texas.
<i>Ananas</i> sp.	Colombia			1	District of
<i>Macadamia</i> sp.	Hawaii	1			Columbia.
<i>Cligenes delineata</i> (Dist.) (Lygaeidae):					Hawaii.
Orchid	Guatemala			1	New Jersey.
<i>Coccotrypes carpophagus</i> (Horn.) (Scolytidae):					
<i>Annona muricata</i> (soursop)	Trinidad			1	Oregon.
<i>Coccotrypes dactyliperda</i> (F.) (Scolytidae):					
<i>Phoenix dactylifera</i> (date)	India, Tun- sia, Turkey.	1	1	1	District of
<i>Phytelephas</i> sp. (ivory palm)	Panama	1			Columbia, New York.
<i>Sabal umbraculifera</i>	Trinidad	1		1	New York.
<i>Coccotrypes pygmaeus</i> Eichh. (Scolyti- dae):					New Jersey, Pennsyl- vania.
Tree seed	Brazil			1	Florida.
<i>Coccus capparadis</i> (Green) (Coccidae):					
<i>Cypripedium villosum</i> (orchid)	India			1	Florida.
<i>Cypripedium</i> sp.	do			1	New Jersey.
<i>Coccus pseudohesperidum</i> (Ckll.) (Cocci- dae):					Do.
<i>Cattleya</i> sp. (orchid)	Guatemala			1	Texas.
<i>Coccus viridis</i> (Green) (Coccidae):					
<i>Bryophyllum</i> sp.	Hawaii			1	California.*
<i>Citrus aurantifolia</i> (sour lime)	Trinidad	1			Florida.*
<i>Citrus tankan</i>	China			1	District of
<i>Gardenia augusta</i> (gardenia)	Bahamas, Cuba, Hawaii, Panama, Venezuela.	12			Columbia.*
<i>Jasminum</i> sp.	Hawaii			1	California*.
Plant leaf	Trinidad			1	Florida.
<i>Psidium guajava</i> (guava)	Puerto Rico	1			New York.
<i>Coelosternus consputus</i> Boh. (Curculioni- dae):					
Log	Mexico	1			California.*
Orchid	do			1	Arizona.
<i>Conchaspis angraeci</i> Ckll. (Coccidae):					
Branch	do	1			Texas.
<i>Laelia anceps</i> (orchid)	do			1	Do.
Orchid	Cuba, Vene- zuela.			2	Florida.
<i>Peristeria elata</i> (orchid)	Canal Zone			1	Texas.
<i>Conotrachelus aguacatae</i> Barber (Curculi- onidae):					
<i>Persea americana</i> (avocado)	Mexico	206			Do.
<i>Conotrachelus integer</i> Osy. (Curculioni- dae):					
<i>Quercus</i> sp. (oak)	do	2			Do.
<i>Conotrachelus perseae</i> Barber (Curculio- nidae):					
<i>Persea americana</i> (avocado)	Costa Rica, Guatemala, Honduras, Mexico.	5	3		Louisiana, Texas.
<i>Coptosoma cribraria</i> (F.) (Pentatomidae):					
<i>Camellia</i> sp.	China			1	California.*
<i>Cosmopolites sordidus</i> (Germ.) (Curcu- lionidae):					
<i>Musa paradisiaca sapientum</i> (banana)	Honduras			3	Louisiana.

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<i>Crociosema plebiana</i> Zell. (Olethreuti- dae): <i>Hibiscus esculentus</i> (okra).....	Cuba, Puerto Rico.	4			Florida,* Louisiana, Virginia.
<i>Crophius scabrosus</i> Uhler (Lygaeidae): <i>Agave</i> sp.....	Mexico.....			1	Arizona.
Orchid.....	do.....			1	Do.
<i>Cryphula apicatus</i> (Dist.) (Lygaeidae): Orchid.....	do.....			2	Texas.
<i>Cryptoblabes gnidiella</i> (Mill.) (Phyciti- dae): <i>Citrus sinensis</i> (orange).....	Egypt.....		1		Pennsylvania.
<i>Punica granatum</i> (pomegranate).....	Greece, Italy, Lebanon, Turkey.	11			Maryland, Massachu- setts, New York.
<i>Vitis</i> sp. (grape).....	Madeira Is- lands.	1			Pennsylvania.
<i>Cryptocephalus krugii</i> Weise (Chrys- omelidae): <i>Rosa</i> sp. (rose).....	Dominican Republic.	1			Puerto Rico.
<i>Cryptocephalus nigrocinctus</i> Suffr. (Chry- somelidae): <i>Cajanus cajan</i> (pigeonpea).....	Puerto Rico...	1			New York.
<i>Cryptoparlatoria leucaspis</i> Ldgr. (Cocc- idae): <i>Juniperus</i> sp. (juniper).....	Japan.....			1	Washington.
<i>Cryptorhynchus mangiferae</i> (F.) (Curcu- lionidae): <i>Mangifera indica</i> (mango).....	Hawaii, India.	23	2	1	California*, Hawaii, New York.
<i>Persea americana</i> (avocado).....	Hawaii.....			1	California.*
<i>Cryptotermes brevis</i> (Wlk.) (Kalotermit- idae): Wood.....	Hawaii, Hon- duras.	2			Hawaii, Louisiana.
<i>Ctenicera aeneus</i> (L.) (Elateridae): Sod used as ballast.....	Belgium.....		1		New York.
<i>Curculio q-griseae</i> Chttn. (Curculioni- dae): <i>Quercus</i> sp. (oak).....	Mexico.....	8			Arizona, Texas.
<i>Cylas formicarius</i> Faust (Curculionidae): <i>Ipomoea batatas</i> (sweetpotato).....	Sierra Leone, West Africa.	1	1		Massachu- setts, New York.
<i>Cylas formicarius</i> F. (Curculionidae): <i>Ipomoea batatas</i> (sweetpotato).....	India.....		1		New York.
<i>Cylas formicarius elegantulus</i> (Summers) (Curculionidae): <i>Ipomoea batatas</i> (sweetpotato).....	American Vir- gin Islands, Cuba, Dom- inican Re- public, Mex- ico, Puerto Rico, Virgin Islands.	50	7		Florida*, Louisiana, New York, Pennsylvan- ia, Texas.
<i>Cylas formicarius</i> (F.) var. (Curculioni- dae): <i>Ipomoea batatas</i> (sweetpotato).....	Fiji, Hawaii, India, Iraq, Siam.	1	6	1	District of Col- umbia, New York, Penn- sylvania.
<i>Cylas puncticollis</i> Boh. (Curculionidae): <i>Ipomoea batatas</i> (sweetpotato).....	Mozambique, Sierra Leone, West Africa.	1	4		Massachusetts, New York, Virginia.
<i>Cyrtopeltis varians</i> (Dist.) (Miridae): <i>Raphanus sativus</i> (radish).....	Mexico.....	1			Texas.
<i>Dactylotrypes uytenboogaarti</i> Eggers (Scolytidae): <i>Schefflera delatayi</i>	France.....			1	New Jersey.

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<i>Dacus cucurbitae</i> (Coq.) (Tephritidae):					
<i>Cucumis sativus</i> (cucumber)-----	Hawaii, Straits Set- tlements.		4		California*.
<i>Cucurbita maxima</i> (squash)-----	Hawaii		1		Do.
<i>Lycopersicon esculentum</i> (tomato)-----	do.	1	12		California*, Louisiana, Mississippi, Oregon, Texas, Washington.
<i>Dacus cucurbitae</i> (Coq.) (?) Tephritidae):					
<i>Cucumis sativus</i> (cucumber)-----	do.		1		California.*
<i>Cucurbita</i> sp. (squash)-----	do.		1		Do.
<i>Lycopersicon esculentum</i> (tomato)-----	do.		2		California*, Texas
<i>Phaseolus vulgaris</i> var. (string bean)-----	do.		1		California.*
<i>Dacus dorsalis</i> Hend. (Tephritidae):					
Airplane-----	do.		31		Hawaii.
<i>Carica papaya</i> (papaya)-----	do.	1			Do.
<i>Cocos nucifera</i> (coconut)-----	do.	1			Do.
<i>Coffea</i> sp. (coffee)-----	do.	1			Do.
<i>Diospyros kaki</i> (Japanese persimmon)-----	do.	1			Do.
<i>Garcinia rubra</i> -----	do.	1			Do.
<i>Heliconia</i> sp.-----	do.	1			Do.
<i>Litchi chinensis</i> (lychee)-----	do.	2			California*, Hawaii.
<i>Lycopersicon esculentum</i> (tomato)-----	do.		1		California*.
<i>Mangifera indica</i> (mango)-----	Hawaii, India	3			California*, Hawaii, New York.
<i>Musa paradisiaca sapientum</i> -----	Hawaii	3	5		California.*
(banana)					
<i>Persea americana</i> (avocado)-----	do.	2			Hawaii.
<i>Psidium guajava</i> (guava)-----	do.	5			California*, Hawaii.
<i>Solanum aculeatissimum</i> (soda-apple nightshade)-----	do.	1			Hawaii.
<i>Spondias cytherea</i> (vi-apple)-----	do.	1			Do.
<i>Terminalia catappa</i> (tropical almond)	do.	1			Do.
<i>Zingiber</i> sp. (ginger)-----	do.	1			Do.
<i>Dacus dorsalis</i> Hend. (?) (Tephritidae):					
<i>Cocos nucifera</i> (coconut)-----	do.	1			Do.
<i>Ficus carica</i> (fig)-----	do.	1			California.*
<i>Lycopersicon esculentum</i> (tomato)-----	do.		1		Do.
<i>Ochrosia</i> sp.-----	Guam	1			Hawaii.
<i>Dacus oleae</i> (Gmel.) (Tephritidae):					
<i>Olea europaea</i> (olive)-----	Azores, Italy, Lebanon, Portugal, unknown.	18	2		Massachusetts, New York, Pennsylvania, Texas.
<i>Dalopius marginatus</i> (L.) (Elateridae):					
<i>Calluna vulgaris</i> (heather)-----	Scotland-----			1	Washington.
<i>Rhododendron</i> sp.-----	Belgium-----			1	New Jersey.
Soil around plants-----	Belgium, Eng- land.			5	New Jersey, Washington.
<i>Deloyala guttata</i> (Oliv.) (Chrysomelidae):					
Orchid-----	Mexico-----			1	Texas.
<i>Dendrobella sericans</i> Lec. (Bostrichidae):					
<i>Acacia farnesiana</i> -----	do.	1			Do.
<i>Deraeocoris lutescens</i> (Schill.) (Miridae):					
Soil and woods moss-----	France-----			1	New Jersey.
<i>Dercynus micronyz</i> Champ. (Curculioni- dae):					
<i>Brownnea grandiflora</i> -----	Trinidad-----			1	New York.
<i>Diabrotica speciosa</i> (Germ.) (Chryso- melidae):					
<i>Brassica oleracea capitata</i> (cabbage)-----	Brazil-----		1		Texas.
<i>Dialeurodes chittendeni</i> Laing (Aleyro- didae):					
<i>Rhododendron</i> sp.-----	British Col- umbia.			1	Washington.
<i>Dialeurodes citri</i> (Ashm.) (Aleyrodidae):					
<i>Citrus</i> sp.-----	Mexico-----	1			Texas.
<i>Gardenia augusta</i> (gardenia)-----	do.			1	Do.
<i>Gardenia</i> sp.-----	China-----			1	California*.

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<i>Dialeurodes kirkaldyi</i> (Kot.) (Aleyrodidae):					
<i>Jasminum sambac</i> (Arabian jasmine)	Hawaii.....	-----	-----	1	California.
<i>Jasminum</i> sp.....	China.....	-----	-----	3	California*,
	Hawaii.....	-----	-----		New York.
	Syria.....	-----	-----		
	China.....	-----	-----	1	California*.
<i>Diaphania hyalinata</i> (L.) (Pyraustidae):					
<i>Cucumis sativus</i> (cucumber)	Cuba.....	-----	1	-----	Louisiana.
<i>Cucurbita maxima</i> (squash)	Mexico.....	6	-----	-----	Texas.
<i>Cucurbita pepo</i> (pumpkin)	do.....	4	-----	-----	Do.
Herb.....	Puerto Rico.....	1	-----	-----	New York.
<i>Diaphania nitidalis</i> (Stoll) (Pyraustidae):					
<i>Cucumis melo</i> (cantaloupe)	Cuba, Mexico.....	2	1	-----	New York,
				-----	Texas.
<i>Cucumis sativus</i> (cucumber)	Argentina,.....	2	11	-----	Alabama,
	Brazil.....	-----	-----	-----	Louisiana,
	Colombia.....	-----	-----	-----	New York,
	Cuba.....	-----	-----	-----	Texas,
	Mexico.....	-----	-----	-----	Virginia.
	Trinidad.....	-----	-----	-----	
	Venezuela.....	-----	-----	-----	
<i>Cucurbita maxima</i> (squash)	Mexico.....	20	-----	-----	Arizona,
				-----	Texas.
<i>Cucurbita pepo</i> (pumpkin)	do.....	5	-----	-----	Texas.
<i>Sechium edule</i> (chayote)	Dominican.....	5	1	-----	Florida*,
	Republic.....	-----	-----	-----	New York.
	Puerto Rico.....	-----	-----	-----	
<i>Diaprepes abbreviatus</i> (L.) (Curculionidae):					
Airplane.....	Unknown.....	-----	1	-----	New York.
<i>Diaprepes famelicus</i> (Ol.) (Curculionidae):					
<i>Zinnia</i> sp.....	Bermuda.....	-----	1	-----	Do.
<i>Diatraea saccharalis</i> (F.) (Crambidae):					
<i>Saccharum officinarum</i> (sugarcane)	Mexico.....	2	-----	-----	New York,
	Puerto Rico.....	-----	-----	-----	Texas.
<i>Sorghum vulgare technicum</i> broom-corn)	Argentina.....	3	-----	-----	Louisiana,
<i>Zea mays</i> (corn)	Puerto Rico.....	2	-----	-----	New York.
				-----	Florida*,
				-----	New York.
<i>Dicrepidius corvinus</i> Cand. (Elateridae):					
<i>Portulaca oleracea</i> (purslane)	Mexico.....	1	-----	-----	Texas.
<i>Dinoderus bifoveolatus</i> (Woll.) (Bostrichidae):					
<i>Lonchocarpus</i> sp. (cube root)	Brazil.....	1	-----	-----	New York.
<i>Serjania mexicana</i> (barbasco)	Brazil, Chile.....	3	-----	-----	Do.
<i>Dinoderus brevis</i> (Horn) (Bostrichidae):					
Bamboo.....	India (?).....	2	-----	-----	Louisiana.
Wood.....	India.....	1	-----	-----	New York.
<i>Diocalandra taitensis</i> Guer. (Curculionidae):					
<i>Cocos nucifera</i> (coconut)	Hawaii.....	1	-----	-----	Hawaii.
<i>Diorymerellus laevis</i> Champ. (Curculionidae):					
<i>Laelia</i> sp. (orchid)	Mexico.....	-----	-----	1	Texas.
Orchid.....	do.....	-----	-----	7	Do.
<i>Doratifera orleyi</i> Newm. (Limacodidae):					
<i>Brachychiton acerifolius</i> (Victorian bottle-tree).	Australia.....	-----	-----	1	Hawaii.
<i>Draeculacephala clypeata</i> Osb. (Cicadellidae):					
Log.....	Costa Rica.....	1	-----	-----	South Caro- lina.
<i>Drymus sylvaticus</i> (F.) (Lygaeidae):					
Woods moss around rose roots	Ireland.....	-----	-----	1	New Jersey.
<i>Dryophthorus corticalis</i> (Payk.) (Curculionidae):					
<i>Populus</i> sp.....	Italy.....	1	-----	-----	New York.
<i>Dysdercus mimulus</i> Hussey (Pyrrhocoridae):					
<i>Capsicum frutescens</i> (pepper)	Mexico.....	2	-----	-----	Texas.
<i>Lycopersicon esculentum</i> (tomato)	do.....	6	-----	-----	Do.
<i>Dysides obscurus</i> Perty (Bostrichidae):					
Wood.....	Brazil.....	1	-----	-----	New York.

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<i>Ensina hyalipennis</i> Bezzi (Tephritidae): <i>Tripteris pachypteris</i>	Union of South Africa.....	-----	-----	1	District of Columbia.
<i>Ensina ignobilis</i> (Loew) (Tephritidae): <i>Tripteris pachypteris</i>	do.....	-----	-----	1	Do.
<i>Epicaerus cognatus</i> Sharp (Curculioni- dae): <i>Solanum tuberosum</i> (potato).....	Mexico.....	1	3	1	Louisiana, District of Columbia, Texas.
<i>Epidiaspis pricola</i> (Del Guer.) (Cocci- dae): <i>Malus sylvestris</i> (apple).....	France, Italy.....	1	-----	4	District of Columbia, New York.
<i>Prunus domestica</i> (plum).....	Chile.....	1	-----	-----	New York
<i>Pyrus</i> sp.....	Italy.....	-----	-----	1	District of Columbia.
<i>Epilachna varivestris</i> Muls. (Coccinelli- dae): Bromeliad.....	Mexico.....	-----	-----	1	Texas.
<i>Epinotia opposita</i> Hein. (Olethreutidae): <i>Phaseolus vulgaris</i> var. (string bean)	Brazil, Mex- ico, Peru.....	10	5	-----	Louisiana, Texas.
<i>Ereunetis flavistriata</i> Wlsm. (Tineidae): <i>Cocos nucifera</i> (coconut).....	Hawaii.....	1	1	-----	California, Washington.
<i>Ernoporos tiliae</i> (Panz.) (Scolytidae): <i>Tilia</i> sp.....	France.....	1	-----	-----	New York.
<i>Eucalandra setulosa</i> Gyll. (Curculioni- dae): <i>Lycopersicon esculentum</i> (tomato)...	Mexico.....	1	-----	-----	Texas.
<i>Eucalymnatus tessellatus</i> (Sign.) (Cocci- dae): <i>Alyxia olivaeformis</i> (maile alyxia)...	Hawaii.....	1	-----	-----	California.*
<i>Gardenia augusta</i> (gardenia).....	Mexico.....	2	-----	-----	Texas.
<i>Euleia heraclei</i> (L.) (Tephritidae): <i>Apium graveolens</i> (celery).....	England.....	-----	1	-----	Do.
<i>Eumysia stigmella</i> (Dyar) (Phycitidae): <i>Echeveria</i> sp.....	Mexico.....	-----	-----	2	California.*
<i>Eurydema ornatum</i> (L.) (Pentatomidae): <i>Brassica oleracea capitata</i> (cabbage)...	Italy.....	-----	1	-----	New York.
<i>Eurytoma onobrychidis</i> Nikolsky (Eury- tomidae): <i>Onobrychis viciaefolia</i>	Turkey.....	-----	-----	1	District of Columbia.
<i>Eurytoma orchidearum</i> (Westw.) (Eury- tomidae): <i>Cattleya gigas</i> (orchid).....	Colombia.....	-----	-----	2	Florida.
<i>Cattleya mossiae</i>	Venezuela.....	-----	-----	1	Do.
<i>Cattleya trianae</i>	Colombia.....	-----	-----	1	Do.
<i>Cattleya</i> sp.....	Brazil, Colom- bia, Trini- dad, Venez- uela.....	-----	-----	36	Florida, New Jersey.
Orchid.....	Brazil.....	-----	-----	1	New Jersey.
<i>Euscepes postfasciatus</i> Fairm. (Curcul- ionidae): <i>Ipomoea batatas</i> (sweetpotato).....	American Vir- gin Islands, Brazil, Col- ombia, Fiji Islands, Ha- waii, Puerto Rico, Trini- dad, Virgin Islands.....	20	12	2	California*, District of Columbia, Hawaii, Louisiana, New York, Texas.
<i>Eutornus congener</i> Woll. (Curculioni- dae): Orchid.....	India.....	-----	-----	1	California.*
<i>Eutreta zanthochaeta</i> Aldr. (Tephritidae): <i>Vanda</i> sp. (orchid).....	Hawaii.....	1	-----	-----	Hawaii.
<i>Euzesta annonae</i> F. (Otitidae): <i>Lycopersicon esculentum</i> (tomato)...	Mexico.....	1	-----	-----	Texas.
<i>Euzesta stigmatias</i> Loew (Otitidae): <i>Zea mays</i> (corn).....	Guatemala.....	1	-----	-----	New York.

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<i>Evergestis forficalis</i> (L.) (Pyraustidae): <i>Brassica oleracea capitata</i> (cabbage) ..	England, .. Italy, .. Nether- lands.	-----	3	-----	New York Virginia.
<i>Evergestis rimosalis</i> (Gn.) (Pyraustidae): <i>Brassica oleracea capitata</i> (cabbage) .. <i>Rorippa nasturtium-aquaticum</i> .. (watercress) ..	Mexico .. do ..	----- 1	1	-----	Texas. Do.
<i>Erillius longicornis</i> Pasc. (Anthribidae): Vine ..	Philippines ..	1	-----	-----	Washington
<i>Exosoma tusitanica</i> L. (Chrysomelidae): <i>Muscari comosum</i> (clippino) ..	Morocco ..	1	-----	-----	New York
<i>Exptochiomeria oblonga</i> (Stal) (Lygaei- dae): <i>Lycopersicon esculentum</i> (tomato) .. Orchid ..	Mexico .. do ..	1	-----	2	Arizona. Arizona, Texas.
<i>Exptochiomeria tumens</i> (Stal) (Lygaei- dae): Orchid ..	do ..	-----	-----	2	Texas.
<i>Ferrisia virgata</i> (Ckll.) (Coccidae): <i>Catasetum viridiflavum</i> (orchid) .. <i>Cocos nucifera</i> (coconut) .. <i>Codiaeum variegatum</i> (croton) ..	Canal Zone .. Guam .. Bahamas .. Philippines.	----- 1	----- 1	1	New Jersey. California*. California*. New York.
<i>Elettaria speciosa</i> .. <i>Epidendrum</i> sp. (orchid) .. <i>Gardenia augusta</i> (gardenia) .. <i>Laelia superbiens</i> (orchid) .. <i>Lycaste candida</i> (orchid) .. <i>Mammillaria</i> sp. (cactus) .. <i>Monstera</i> sp. Orchid ..	Hawaii .. Guatemala .. Siam .. Costa Rica .. Canal Zone .. Mexico .. Guatemala .. Bintan Island, Costa Rica.	1	1	1	California*. Do. Hawaii. California*. New Jersey. California*. New Jersey. California*.
<i>Peristeria elata</i> (orchid) .. <i>Phalaenopsis</i> sp. (orchid) .. Seed pod .. <i>Spathoglottis plicata</i> (orchid) .. <i>Strelitzia</i> sp.	Canal Zone .. Philippines .. do .. Siam .. Hawaii ..	----- ----- 1	----- ----- -----	1 1 1 1	New Jersey. California*. Do. Do. Do.
<i>Forficula auricularia</i> L. (Forficulidae): Baggage .. Bulb case .. Cloth .. <i>Colchicum</i> sp. <i>Crocus</i> sp. <i>Cymbidium</i> sp. (orchid) .. Excelsior packing ..	Ireland .. Netherlands .. England .. Netherlands .. do .. England .. Italy, Nether- lands.	1	----- 1	----- ----- ----- 1	Illinois. New York. Maryland. New Jersey. New York. New Jersey. Missouri, New York.
<i>Hydrangea</i> sp. and <i>Dianthus</i> sp. cuttings. <i>Iris</i> sp. <i>Narcissus</i> sp. Plant ..	England .. ----- Netherlands .. do .. Madeira Is- lands.	1	-----	----- 1 2 1	Massachusetts New Jersey. New York. Massachusetts
<i>Punica granatum</i> (pomegranate) .. Soil ballast .. <i>Tulipa</i> sp. (tulip) ..	Italy .. Scotland .. Netherlands ..	2 1	-----	----- 4	New York. Alabama. New York, Pennsylvan- ia.
<i>Frankliniella bratleyi</i> Wats. (Thripidae): <i>Pollanthes tuberosa</i> (tuberose) .. <i>Frankliniella insularis</i> (Frankl.) (Thri- pidae): <i>Antirrhinum majus</i> (snapdragon) .. <i>Rosa</i> sp. (rose) ..	Palestine .. ----- Haiti .. Dominican Republic.	----- ----- 1 1	-----	-----	2 Puerto Rico. Do.
<i>Fulvius albomaculatus</i> Dist. (Miridae): Packing material with bromeliads .. <i>Fulvius anthocorides</i> Stal (Miridae): Orchid ..	Venezuela .. ----- Mexico ..	-----	-----	1 1	New Jersey. Texas.
<i>Fundella pellucens</i> (Zell.) (Phycitidae): <i>Cajanus cajan</i> (pigeonpea) .. <i>Phaseolus vulgaris</i> var. (string bean) <i>Furcaspis biformis</i> (Ckll.) (Coccidae): <i>Brassavola nodosa</i> (orchid) ..	Puerto Rico .. do .. Canal Zone ..	1 1	-----	----- 2	Florida* Massachusetts Florida, Texas.

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<i>Furcaspis biformis</i> —Continued					
<i>Cattleya</i> sp. (orchid).....	Brazil, Canal Zone, Colombia, Costa Rica, Dutch Guiana, Hawaii, Siam, Venezuela.			17	California*, Florida, Guam, Hawaii, New Jersey, Texas.
<i>Epidendrum atropurpureum</i> (orchid)	Canal Zone.....			8	California*, Florida, Hawaii, New Jersey, Texas, Washington.
<i>Epidendrum</i> sp.....	do.....			3	Florida, Washington.
<i>Odontoglossum schlieperlanum</i> (orchid).....	Costa Rica.....			1	California.*
<i>Oncidium confusum</i> (orchid).....	Canal Zone.....			1	Texas.
<i>Oncidium lanceanum</i>	Trinidad.....			1	Do.
<i>Oncidium multiflorum</i>	Straits Settlements.			1	New Jersey.
<i>Oncidium panamense</i>	Canal Zone.....			1	Florida.
<i>Oncidium</i> sp.....	Canal Zone, Guatemala, Siam.			3	California*, Washington.
Orchid.....	British Guiana, Canal Zone, Hawaii, Siam, Venezuela.			9	California*, Florida, Puerto Rico, Texas, Virginia.
<i>Furcaspis oceanica</i> Ldgr. (Coccidae):					
<i>Musa paradisiaca sapientum</i> (banana).....	Truk.....	1			Hawaii.
<i>Gastrodes pacificus</i> (Prov.) (Lygaeidae):					
<i>Cedrus</i> sp. (cedar).....	Canada.....	1			New York.
<i>Gastrophysa viridula</i> (Deg.) (Chrysomelidae):					
Soil with potatoes.....	England.....			1	Do.
<i>Gelechia ericetella</i> (Hbn.) (Gelechiidae):					
<i>Calluna vulgaris</i> (heather).....	Denmark.....	1			Do.
<i>Genopaschia protomis</i> Dyar (Galleriidae):					
<i>Ananas comosus</i> (pineapple).....	Jamaica.....		1		Alabama.
<i>Gersiaekeria mutillaria</i> (Gerst.) (Curculionidae):					
<i>Coryphantha</i> sp. (cactus).....	Mexico.....			1	Texas.
<i>Mammillaria</i> sp. (cactus).....	do.....			3	California*, Texas.
<i>Glyphonyx praecox</i> Er. (Elateridae):					
<i>Laelia anceps</i> (orchid).....	do.....			1	Texas.
<i>Glyphonyx quadricollis</i> Champ. (Elateridae):					
<i>Brassica</i> sp. (mustard).....	do.....	1			Do.
<i>Gnorimoschema gudmannella</i> (Wism.) (Gelechiidae):					
<i>Capsicum frutescens</i> (pepper).....	Dutch Guiana, Mexico.	2	1		Arizona, Louisiana.
<i>Gnorimoschema laterella</i> (Chamb.) (Gelechiidae):					
<i>Physalis</i> sp. (husk tomato).....	Mexico.....	5			Texas.
<i>Gnorimoschema plaesiosema</i> (Turner) (Gelechiidae):					
<i>Solanum tuberosum</i> (potato).....	Peru.....		1		Do.
<i>Gortyna flavago</i> (Schiff.) (Phalaenidae):					
<i>Cynara scolymus</i> (globe artichoke).....	Tunisia.....		1		Pennsylvania.
<i>Gracilaria azaleella</i> Brants (Gracilariidae):					
<i>Rhododendron</i> sp.....	Japan, Netherlands.			25	New Jersey, Washington.
<i>Grapholitha molesta</i> (Busck) (Olethreutidae):					
<i>Malus sylvestris</i> (apple).....	Argentina.....		1		Pennsylvania.
<i>Prunus persica</i> (peach).....	France, Italy.....	2	1		Massachusetts, New York.

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<i>Grapholitha molesta</i> —Continued <i>Pyrus communis</i> (pear)-----	Italy, Mexico-----	2	-----	-----	New York. Texas.
<i>Grapholitha packardi</i> Zell. (Olethreutidae):					
<i>Crataegus</i> sp. (thornapple)-----	Mexico-----	2	-----	-----	Texas.
<i>Graptostethus servus</i> (F.) (Lygaeidae):					
<i>Ipomoea tuberosa</i> (woods rose)-----	Hawaii-----	2	-----	-----	Hawaii.
<i>Gymnandrosoma aurantianum</i> DaCosta					
Lima (Olethreutidae):					
<i>Citrus sinensis</i> (orange)-----	Brazil-----	-----	2	-----	Massachu- setts, New York.
<i>Gynaikothrips ficorum</i> (Marchal) (Phlaeothripidae):					
<i>Ficus retusa</i> (Indian laurel fig)-----	Mexico-----	-----	-----	1	Texas.
<i>Haplothrips cottei</i> (Vuillet) (Phlaeothripidae):					
<i>Dianthus</i> sp. (carnation)-----	Egypt, Eur- ope, Greece, Portugal, unknown.	2	4	1	Illinois, Mass- achusetts, New Jersey, New York.
<i>Haplothrips gowdeyi</i> (Frankl.) (Phlaeothripidae):					
<i>Bougainvillea</i> sp.-----	Hawaii-----	1	-----	-----	California.*
<i>Bryophyllum</i> sp.-----	Puerto Rico-----	-----	-----	1	New York.
<i>Canavalia</i> sp.-----	Hawaii-----	5	-----	-----	California.*
<i>Dianthus</i> sp. (carnation)-----	do-----	2	-----	-----	Do.
<i>Limonium</i> sp.-----	do-----	1	-----	-----	Do.
<i>Mesembryanthemum</i> sp.-----	do-----	1	-----	-----	Hawaii.
<i>Plumeria</i> sp.-----	do-----	1	-----	-----	California.*
<i>Tagetes</i> sp.-----	do-----	1	-----	-----	Do.
<i>Haplothrips nigricornis</i> Bagn. (Phlaeothripidae):					
<i>Ornithogalum thyrsoides</i> ----- (chinkerichée)	Union of South Africa.	1	-----	-----	New York.
<i>Hellula phidilealis</i> (Wlk.) (Pyraustidae):					
<i>Brassica oleracea capitata</i> (cabbage)-----	Panama, Trin- idad.	-----	3	-----	Alabama, New York.
<i>Brassica rapa</i> (turnip)-----	Cuba-----	-----	1	-----	Texas.
<i>Hemimene juliana</i> (Curt.) (Olethreutidae):					
<i>Castanea</i> sp. (chestnut)-----	Italy-----	1	-----	-----	New York.
<i>Hercotrips phaseoli</i> Hood (Thripidae):					
<i>Phaseolus lunatus macrocarpus</i> (lima bean)	Cuba-----	1	-----	-----	Do.
<i>Heterobostrychus aequalis</i> (Waterh.) (Bostriichidae):					
Bamboo-----	India-----	1	-----	-----	Texas.
Wood-----	Ceylon, India	2	-----	-----	New York.
<i>Heteroderes laurentii</i> (Guer.) (Elateridae):					
<i>Solanum melongena</i> (eggplant)-----	Cuba-----	1	-----	-----	Do.
<i>Heteroglymma alata</i> Heller (Curculionidae):					
<i>Vanda</i> sp. (orchid)-----	Philippines-----	-----	-----	1	Hawaii.
<i>Homothrips distinctus</i> Bagn. (Thripidae):					
<i>Erica</i> sp.-----	Union of South Africa.	1	-----	-----	New Jersey
<i>Protea</i> sp.-----	do-----	2	-----	-----	New Jersey, New York.
<i>Horistonotus dilaticornis</i> Champ. (Elateridae):					
<i>Ananas comosus</i> (pineapple)-----	Mexico-----	1	-----	-----	Texas.
<i>Horistonotus rufiventris</i> Cand. (Elateridae):					
<i>Ananas comosus</i> (pineapple)-----	do-----	1	-----	-----	Do.
<i>Hydrothassa marginella</i> (L.) (Chrysomelidae):					
Soil and moss packing for <i>Oxalis</i> sp. plants.	Ireland-----	-----	-----	1	New York.
<i>Hylurgops palliatus</i> (Gyll.) (Scolytidae):					
Bark—coniferous-----	Sweden-----	1	-----	-----	Pennsylvania.
<i>Picea</i> sp. (spruce)-----	do-----	6	-----	-----	New York.
<i>Pinus</i> sp. (pine)-----	Germany, Sweden.	4	-----	-----	Louisiana, New York.

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<i>Hypera nigrirostris</i> F. (Curculionidae): Woods moss around rose cutting	Germany			1	New Jersey.
<i>Hypolithus pectoralis</i> (Say) (Elateridae): <i>Ananas comosus</i> (pineapple)	Mexico	1			Texas.
<i>Icerya palmeri</i> Riley & Howard (Coccidae): Cactus	do.			1	Arizona.
<i>Icerya similis</i> Morr. (Coccidae): <i>Laelia</i> sp. (orchid)	Salvador			1	Texas.
<i>Ips sexdentatus</i> (Boern.) (Scolytidae): <i>Pinus</i> sp. (pine)	Netherlands	1			Alabama.
Wooden strips around peat moss	do.	1			Louisiana.
<i>Ips typographus</i> (L.) (Scolytidae): Bark—coniferus	Sweden	1			Pennsylvania.
<i>Picea</i> sp. (spruce)	Germany, Sweden.	2			New York.
<i>Pinus</i> sp. (pine)	Czechoslovakia, Germany, Hungary, Netherlands.	10			Alabama, Louisiana, New York.
<i>Iridomyrmex humilis</i> Mayr (Formicidae): <i>Dahlia</i> sp.	Portugal			1	New York.
<i>Dianthus</i> sp. (carnation)	do.	1			Massachusetts.
<i>Dioscorea</i> sp. (yam)	Azores	1			New York.
Herbs, bulbs & cuttings	do.			1	Massachusetts.
Leaves	Portugal			1	New Jersey.
<i>Passiflora</i> sp.	Madeira Islands.	1			Massachusetts.
<i>Phalaenopsis</i> sp. (orchid)	Philippines.			1	California.*
<i>Protea</i> sp.	Union of South Africa.	1			New York.
<i>Prunus domestica</i> (plum)	do.	1			Do.
<i>Prunus persica nectarina</i> (nectarine)	Chile	1			Do.
Soil around plants	Italy			1	Do.
<i>Sorghum</i> sp. (?)	do.	1			Do.
<i>Tilia</i> sp. (?)	Portugal	1			Pennsylvania.
<i>Vitis</i> sp. (grape)	France, Portugal, Union of South Africa.	3	1		New York.
<i>Jadera sanguinolenta</i> (F.) (Coreidae): Airplane	Mexico		1		Texas.
<i>Lycopersicon esculentum</i> (tomato)	do.	1			Do.
<i>Kaloterms bequaerti</i> Snyder (Kalotermitidae): <i>Juniperus</i> sp. (juniper)	Bermuda	1			Massachusetts.
<i>Pinus</i> sp. (pine)	do.	1			Do.
<i>Lampetia equestris</i> (F.) (Syrphidae): <i>Narcissus</i> sp.	Netherlands			1	California.*
<i>Lampides boeticus</i> (L.) (Lycaenidae): <i>Canavalia</i> sp.	Hawaii	9			California, Hawaii.
<i>Laspeyresia nigricana</i> (Steph.) (Olethreutidae): <i>Pisum sativum</i> (pea)	Portugal	1	2		New York, Texas.
<i>Laspeyresia splendana</i> (Hbn.) (Olethreutidae): <i>Castanea</i> sp. (chestnut)	England, France, Germany, Italy, Portugal, Spain, Switzerland, Yugoslavia.	64	2		Alabama, Illinois, Maryland, Massachusetts, Missouri, New Jersey, New York, Ohio, Texas, Washington.
<i>Lema confusa</i> Chev. (Chrysomelidae): <i>Selaginella lepidophylla</i> (resurrection plant)	Mexico			1	Texas.
<i>Lema melanopa</i> (L.) (Chrysomelidae): <i>Pinus</i> sp. (pine)	Denmark			1	New York.
<i>Lema opulenta</i> Genn. & Har. (Chrysomelidae): <i>Rosa</i> sp. (rose)	Mexico	1			Texas.

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<i>Leperisinus frazini</i> (Panz.) (Scolytidae): <i>Frazinus</i> sp. (ash).....	England.....	10			Maryland, New York.
<i>Lepidosaphes carinata</i> (Ckll.) (Coccidae): <i>Philodendron</i> sp.....	Mexico.....			2	Texas.
<i>Lepidosaphes conchiformis</i> (Gmel.) (Coc- cidae): <i>Diospyros</i> sp. (persimmon).....	Japan.....	1			Minnesota, California.*
<i>Pyrus communis</i> (pear).....	do.....		1		Do.
" <i>Lepidosaphes</i> " <i>esakii</i> Takah. (Coccidae): <i>Cocos nucifera</i> (coconut).....	Guam.....	1			Do.
<i>Lepidosaphes ficus</i> (Sign.) (Coccidae): <i>Ficus carica</i> (fig).....	Algeria, Italy, Palestine.....			5	California*, New Jersey, New York.
<i>Lepidosaphes kuwacola</i> Kuw. (Coccidae): <i>Salix</i> sp. (willow).....	Japan.....		1		Washington.
<i>Lepidosaphes pallida</i> (Green) (Coccidae): <i>Cupressus</i> sp. (cypress).....	do.....			1	Do.
<i>Juniperus</i> sp. (juniper).....	do.....			2	Do.
<i>Lepidosaphes philococcus</i> (Ckll.) (Cocci- dae): Cactus.....	Mexico.....			1	Texas.
<i>Lepidosaphes pistaciae</i> Arch. (Coccidae): <i>Pistacia vera</i> (pistache).....	Syria.....	1			New York.
<i>Lepidosaphes tokionis</i> (Kuw.) (Coccidae): <i>Codiaeum variegatum</i> (croton).....	Bahamas,..... British West Indies, Hawaii, Philippines, unknown.	8	1	4	California*, Hawaii, New Jersey, New York.
<i>Lepidosaphes tuberculata</i> Malen. (Cocci- dae): <i>Celogyne cristata</i> (orchid).....	India.....			1	California.*
<i>Cymbidium eburneum</i> (orchid).....	do.....			1	New Jersey.
<i>Cymbidium tuberculata</i>	England.....			1	Do.
<i>Cymbidium</i> sp.....	Australia, Bel- gium, China, England, Netherlands.	1		21	California*, Hawaii, New Jersey.
<i>Dendrobium speciosum</i> (orchid).....	Australia.....			1	California.*
Orchid.....	China.....			1	Hawaii.
<i>Lepidosaphes tubulorum</i> Ferris (?) (Coccidae): <i>Cocos nucifera</i> (coconut).....	Guam.....	1			California.*
<i>Lepidosaphes yanagicola</i> Kuw. (Cocci- dae): <i>Salix</i> sp. (willow).....	Japan.....		1		Washington.
<i>Leptoglossus chilensis</i> Spinola (Coreidae): <i>Vitis</i> sp. (grape).....	Chile.....	6			New York.
<i>Leptophobia aripa</i> (Bdv.) (Pteridae): <i>Brassica oleracea botrytis</i> (cauliflower):	Mexico.....		3		New York, Texas.
<i>Leucaspis archangelskyae</i> Ldgr. (Cocci- dae): <i>Prunus</i> sp. (cherry).....	Afghanistan.....			1	District of Columbia.
<i>Pyrus communis</i> (pear).....	do.....			1	Do.
<i>Leucaspis candida</i> (Targ.) (Coccidae): <i>Pinus</i> sp. (pine).....	Germany.....			1	New Jersey.
<i>Leucaspis cockerelli</i> (de Charm.) (Cocci- dae): <i>Citrus aurantifolia</i> (sour lime).....	Panama, Sal- vador.....	2	2		California.*
<i>Citrus paradisi</i> (grapefruit).....	Jamaica Ni- geria.....		4		Do.
<i>Citrus sinensis</i> (orange).....	Jamaica, Pan- ama, Trin- idad, Venez- uela.....		7		California* Florida.*
<i>Cocos nucifera</i> (coconut).....	Hawaii.....	1			California.*
<i>Dendrobium</i> sp. (orchid).....	do.....			1	Do.
<i>Vanda</i> sp. (orchid).....	Trinidad.....			1	Florida.
<i>Leucocera quinquepunctata</i> (L.) (Chryso- melidae): <i>Opuntia</i> sp. and <i>Cereus</i> sp. plants.....	Haiti.....			1	New Jersey.

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		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Leucocera sevpunctatus</i> Chev. (Chrysomelidae): Orchid	Cuba			1	Florida.
<i>Ligyrocoris abdominalis</i> (G.-M.) (Lygaeidae): <i>Lycopersicon esculentum</i> (tomato)	Mexico	3			Texas.
<i>Oncidium</i> sp. (orchid)	Guatemala			1	New Jersey.
<i>Ligyrocoris aurivilliana</i> (Dist.) (Lygaeidae): <i>Chrysanthemum</i> sp.	Mexico	1			Texas.
<i>Lycopersicon esculentum</i> (tomato)	do.	3			Do.
<i>Ligyrocoris litigiosus</i> Stal (Lygaeidae): <i>Ananas comosus</i> (pineapple)	do.		2		Do.
<i>Lineodes integra</i> (Zell.) (Pyraustidae): <i>Lycopersicon esculentum</i> (tomato)	do.	1			Do.
<i>Lineodes triangularis</i> (Mosch.) (Pyraustidae): <i>Capsicum frutescens</i> (pepper)	Puerto Rico	1			New York.
<i>Liothrips vaneeckei</i> Pr. (Phlaeothripidae): <i>Lilium</i> sp. (lily)	China			1	Washington.
<i>Liriomyza pusilla</i> (Meig.) (Agromyzidae): <i>Capsicum frutescens</i> (pepper)	Mexico	4			Arizona, Texas.
<i>Gypsophila paniculata</i> (babysbreath)	do.	1			Texas.
<i>Lycopersicon esculentum</i> (tomato)	do.	4			Arizona, Texas.
<i>Listroderes aequivocus</i> Kuschel (Curculionidae): <i>Allium sativum</i> (garlic)	Unknown		1		New York.
<i>Lixus ascanii</i> (L.) (Curculionidae): <i>Raphanus sativus</i> (radish)	France		1		Do.
<i>Lixus junci</i> Boh. (Curculionidae): <i>Beta vulgaris</i> (beet)	Egypt, Spain		2		Maryland, Texas.
<i>Lozostege bifidalis</i> (F.) (Pyraustidae): <i>Portulaca oleracea</i> (purslane)	Mexico	1			Texas.
<i>Lozostege similalis</i> (Gn.) (Pyraustidae): <i>Chrysanthemum</i> sp.	do.	1			Do.
<i>Portulaca oleracea</i> (purslane)	do.	6			Do.
<i>Lygaeus circumlinitus</i> Dist. (Lygaeidae): Orchid	do.			1	Do.
<i>Lygaeus circumplicatus</i> Dist. (Lygaeidae): Orchid	do.			1	Do.
<i>Lygaeus consanguinitus</i> Dist. (Lygaeidae): <i>Allium cepa</i> (onion)	do.	1			Do.
<i>Lygaeus pulchellus</i> F. (Lygaeidae): <i>Musa paradisiaca sapientum</i> (banana)	do.	1			California.*
<i>Lygaeus vittiscutis</i> Stal (Lygaeidae): Bromeliad	Costa Rica			1	Texas.
<i>Lycopersicon esculentum</i> (tomato)	Mexico	1			Do.
Orchid	Guatemala, Honduras, Mexico.			6	Do.
<i>Lygus elisus</i> Van D. (Miridae): <i>Ilex</i> sp. (holly)	Canada	1			Minnesota.
<i>Lygus fraudentus</i> (Stal) (Miridae): <i>Brassica oleracea botrytis</i> (cauliflower)	Argentina		1		Louisiana.
<i>Lygus oblineatus</i> (Say) (Miridae): <i>Chrysanthemum</i> sp.	Mexico	1			Arizona.
<i>Ulmus</i> sp. (elm)	Canada	1			New York.
Vegetables	Mexico	1			Texas.
<i>Zea mays</i> (corn)	Canada		1		Do.
<i>Madarus distigma</i> Boh. (Curculionidae): Orchid	Mexico			1	Do.
<i>Malacorhinus tripunctatus</i> (Jac.) (Chrysomelidae): Airplane	do.		1		Do.
<i>Mamestra brassicae</i> (L.) (Phalaenidae): <i>Brassica oleracea botrytis</i> (cauliflower)	Ireland, Nor- way.		2		New York, Texas.
<i>Brassica oleracea capitata</i> (cabbage)	France, Neth- erlands.		2		New York.

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<i>Maruca testulalis</i> (Geyer) (Pyraustidae): <i>Cajanus cajan</i> (pigeonpea).....	Dominican Republic, Puerto Rico.	10			Maryland, New York.
<i>Canavalia</i> sp.....	Hawaii	12			California*, Hawaii.
<i>Phaseolus lunatus macrocarpus</i> (lima bean)	Cuba, Puerto Rico.	3			New York.
<i>Phaseolus vulgaris</i> (kidney bean).....	Puerto Rico.		1		Do.
<i>Phaseolus vulgaris</i> var. (string bean)	Brazil, Cuba, Dutch Guiana, Hawaii, Puerto Rico, Venezuela.	5	13		Alabama, California*, Florida*, Louisiana, Maryland, New York, Pennsylvania, Texas.
<i>Mecinus pyrauster</i> Hbst. (Curculionidae): Soil and moss packing.....	Ireland			1	New York.
<i>Mecolaemus carvalhoi</i> (Costa Lima) (Miridae): Orchid.....	Brazil			1	Florida.
<i>Megacerus contaminatus</i> (Sharp) (Bruchidae): <i>Ipomoea stans</i>	Mexico			1	District of Columbia.
<i>Megalometis chiliensis</i> Boh. (Curculionidae): <i>Prunus domestica</i> (plum)	Chile	1			New York.
<i>Prunus persica nectarina</i> (nectarine)	do	1			Do.
<i>Megapenthes cinnamomus</i> Champ. (Elateridae): <i>Odontoglossum</i> sp. (orchid).....	Guatemala			1	Texas.
<i>Megasternum boletophagum</i> (Marsh.) (Hydrophilidae): <i>Beta vulgaris macrorhiza</i> (mangel-wurzel)	England		1		New York.
<i>Melanozanthus melanocephalus</i> (F.) (Elateridae): Airplane.....	South Pacific		1		Hawaii.
<i>Metamasius sericeus</i> (Oliv.) (Curculionidae): <i>Musa paradisiaca sapientum</i> (banana)	Costa Rica, Ecuador, Honduras.	11			California*, Maryland, South Carolina.
<i>Micrapate labialis</i> Lesne (Bostrichidae): <i>Sambucus</i> sp.....	Mexico	1			New York.
Wood.....	do	1			Texas.
<i>Micrelus ericae</i> Gyll. (Curculionidae): <i>Calluna vulgaris</i> (heather).....	Scotland	1			New York.
<i>Mimorista flavidissimalis</i> (Grt.) (Pyraustidae): Cactus.....	Mexico	2			Texas.
<i>Mimosstes dominicanus</i> (Jek.) (Bruchidae): <i>Acacia farnesiana</i> (cascadote).....	Salvador	1			Louisiana.
<i>Libidibia</i> sp.....	Canal Zone	1			Do.
<i>Ochroma lagopus</i> (balsa).....	Colombia	1			New York.
<i>Mineola indigenella</i> (Zell.) (Phycitidae): <i>Prunus</i> sp..... (Japanese flowering cherry)	Japan			1	Oregon.
<i>Monanthia monotropidia</i> Stal (Tingitidae): Bromeliad.....	do			1	Texas.
<i>Monomorium destructor</i> (Jerd.) (Formicidae): <i>Agave</i> sp. (sisal).....	Haiti			1	District of Columbia.
<i>Ananas comosus</i> (pineapple)	Bahamas			1	Florida.
<i>Cajanus cajan</i> (pigeonpea)	Puerto Rico	1			New York.
<i>Coelogyne elata</i> (orchid).....	India	1			Hawaii.
<i>Cymbidium</i> sp. (orchid).....	do			1	New Jersey.
<i>Dendrobium</i> sp. (orchid).....	do	1			Hawaii.
<i>Hibiscus esculentus</i> (okra).....	Trinidad	1			New York.
Orchid.....	Colombia, Philippines.	1		1	California*, Florida.

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<i>Monomorium destructor</i> —Continued					
<i>Pyrus communis</i> (pear).....	Lebanon.....	1			New York.
<i>Vanda</i> sp. (orchid).....	India.....			1	New Jersey.
<i>Moodna bisinuella</i> Hamp. (Phycitidae):					
<i>Zea mays</i> (corn).....	Mexico.....	3	2		Texas.
<i>Mordellistena cattleyana</i> Champ. (Mor- dellidae):					
<i>Cattleya gigas</i> (orchid).....	Colombia.....			2	Florida,
<i>Cattleya labiata</i>	Brazil.....			6	New Jersey.
<i>Cattleya labiata autumnalis</i>	do.....			3	California.*
<i>Cattleya velutina</i>	do.....			1	New Jersey.
<i>Cattleya warneri</i>	do.....			1	Do.
<i>Cattleya</i> sp.....	Brazil, Colombia, Venezuela.			21	Florida, New Jersey, Texas.
<i>Epidendrum</i> sp. (orchid).....	do.....			1	Do.
<i>Laelia purpurata</i> (orchid).....	Brazil.....			1	New Jersey.
Orchid.....	Honduras, Mexico.			3	Florida, Texas.
<i>Mordellistena rufonotata</i> Champ. (Mor- dellidae):					
Orchid.....	Mexico.....			3	Texas.
<i>Morganella longispina</i> (Morg.) (Cocci- dae):					
<i>Citrus aurantifolia</i> (sour lime).....	Philippines.....		1		California.*
<i>Citrus limon</i> (lemon).....	New Zealand.....		2		Do.
<i>Citrus sinensis</i> (orange).....	Brazil.....		1		Do.
<i>Dendrobium</i> sp. (orchid).....	Straits Settle- ments.			1	Do.
<i>Myelois ceratoniae</i> Zell. (Phycitidae):					
<i>Ceratonía siliqua</i> (St. Johnsbread).....	Italy.....	1			New York.
<i>Citrus sinensis</i> (orange).....	do.....	1			Do.
<i>Phoenix dactylifera</i> (date).....	Iraq.....	1			Florida.*
<i>Myelois notatalis</i> (Wlk.) (Phycitidae):					
<i>Ceratonía siliqua</i> (St. Johnsbread).....	British Hon- duras.	1			Do.
<i>Myllocerus hilleri</i> Faust (Curculionidae):					
Unknown.....	Japan (?).....		1		Washington.
<i>Myodocha longicollis</i> Stal (Lygaeidae):					
<i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	1			Texas.
<i>Myzus ascalonicus</i> Doncaster (Aphidae):					
<i>Allium cepa</i> (onion).....	France.....	1			Ohio.
<i>Nasutitermes corniger</i> (Motsch.) (Termi- tidae):					
Log.....	Costa Rica.....	1			South Caro- lina.
<i>Musa paradisiaca sapientum</i>	do.....	1			California.*
Wood.....	Honduras.....	1			Louisiana.
<i>Nasutitermes luzonicus</i> (Oshima) (Termi- tidae):					
Wood.....	Philippines.....	1			Maryland.
<i>Nasutitermes nigricaps</i> (Haldeman) (Termitidae):					
Orchid.....	Unknown.....			1	Florida.
<i>Neocattarus vegetus</i> Dist. (Lygaeidae):					
<i>Oncidium confusum</i> (orchid).....	Canal Zone.....			1	Hawaii.
<i>Neoclytus cacicus</i> Chevr. (Cerambyci- dae):					
<i>Guaiacum officinale</i> (lignum vitae).....	Nicaragua.....	1			California.*
<i>Neodryocetes guianae</i> Blkm. (Scoly- tidae):					
<i>Cajanus cajan</i> (pigeonpea).....	British Guiana.....	2			New Jersey.
<i>Pisum sativum</i> (pea).....	do.....	1			Missouri.
<i>Noelucimodes elegantalis</i> (Guen.) (Py- raustidae):					
<i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	398			Texas.
<i>Solanum melongena</i> (eggplant).....	Brazil.....		1		New York.
<i>Newsteadia floccosa</i> (Deg.) (Coccidae):					
Woods moss.....	England, France.			2	New Jersey.
<i>Nilotaspis halli</i> (Green) (Coccidae):					
<i>Prunus armeniaca</i> (apricot).....	Israel, Turkey.....			5	District of Columbia.

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<i>Nilotaspis halli</i> —Continued					
<i>Prunus persica</i> (peach)-----	Turkey-----	-----	-----	1	District of Columbia.
<i>Prunus</i> sp. (plum)-----	do-----	-----	-----	1	Do.
<i>Nymphalis urticae</i> (L.) (Nymphalidae):					
Hay packing-----	Netherlands-----	1	-----	-----	Arizona.
<i>Nysius basalis</i> Dallas (Lygaeidae):					
Orchid-----	Mexico-----	-----	-----	1	Texas.
<i>Nysius dallasi</i> White (Lygaeidae):					
Airplane-----	Hawaii-----	-----	1	-----	Hawaii.
<i>Nysius simulans</i> Stal (Lygaeidae):					
<i>Hordeum stenostachys</i> -----	Uruguay-----	-----	-----	1	District of Columbia.
<i>Prunus persica nectarina</i> (nectarine)					
<i>Oedionychis lateralis</i> Jac. (Chrysomeli- dae):	Chile-----	1	-----	-----	New York.
Orchid-----	Mexico-----	-----	-----	1	Texas.
<i>Oedionychis transversalis</i> Jac. (Chryso- melidae):	do-----	-----	-----	-----	
Orchid-----				1	Do.
<i>Ogdoecosta biannularis</i> (Boh.) Chryso- melidae):	do-----	-----	-----	1	Do.
<i>Laelia</i> sp. (orchid)-----	do-----	-----	-----	1	Do.
<i>Oosternum costatum</i> Sharp (Hydrophili- dae):	do-----	-----	-----	1	Do.
Orchid-----					
<i>Orchidophilus peregrinator</i> Buch. (Cur- culionidae):	Hawaii-----	1	-----	-----	Hawaii.
Orchid-----					
<i>Orthotomicus laricis</i> (F.) (Scolytidae):					
Wooden strips around peat moss-----	Netherlands-----	1	-----	-----	Louisiana.
<i>Oryzaenrus lavaterae</i> (F.) (Lygaeidae):					
<i>Tilia tomentosa</i> (silver linden)-----	Italy-----	-----	-----	1	New Jersey.
<i>Orydema longulum</i> (Boh.) (Curculioni- dae):					
Parcel post package-----	Hawaii-----	1	-----	-----	Hawaii.
<i>Ozophora consanguineus</i> (Dist.) (Ly- gaeidae):					
Bromeliad-----	Costa Rica-----	-----	-----	1	Texas.
<i>Pachybrachius luridus</i> Hahn. (Lygaei- dae):					
<i>Dianthus</i> sp. (carnation)-----	Netherlands-----	-----	-----	1	New Jersey.
<i>Rhododendron</i> sp.-----	do-----	-----	-----	1	Do.
<i>Pachycoris torridus</i> (Scop.) (Pentatomi- dae):					
<i>Musa paradisiaca sapientum</i> ----- (banana)	Guatemala-----	1	-----	-----	California.*
<i>Pachyzancla bipunctalis</i> (F.) (Pyraus- tidae):					
Plant-----	Puerto Rico-----	1	-----	-----	New York.
<i>Pachyzancla periusalis</i> (Wlk.) (Pyraus- tidae):					
<i>Lycopersicon esculentum</i> (tomato)-----	Brazil, Jamaica-----	1	1	-----	Alabama, New York
<i>Pantomorus godmani</i> (Crotch) (Cur- culionidae):					
Flowers-----	Hawaii-----	1	-----	-----	Hawaii.
<i>Leucaena glauca</i> -----	do-----	1	-----	-----	Do.
<i>Pimpinella anisum</i> (anise)-----	Azores-----	-----	-----	1	New Jersey.
<i>Paracardiophorus pauper</i> (Cand.) (Elat- eridae):					
Soil around azalea roots-----	Japan-----	-----	-----	1	Hawaii.
<i>Parlatoria camelliae</i> Comst. (Coccidae):					
<i>Aucuba</i> sp.-----	do-----	-----	-----	12	California*, California*, District of Columbia, Florida*, Washington.
<i>Camellia japonica</i> (camellia)-----	China, Japan-----	-----	-----	-----	
<i>Parlatoria chinensis</i> Marl. (Coccidae):					
<i>Cydonia</i> sp. (flowering quince)-----	Japan-----	-----	-----	1	Washington.
<i>Parlatoria cinerea</i> Hadden (Coccidae):					
<i>Citrus aurantifolia</i> (sour lime)-----	British West Indies, Costa Rica, Mex- ico, Trini- dad.	1	8	-----	California*, Florida*.

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<i>Parlatoria cinerea</i> —Continued					
<i>Citrus grandis</i> (pummelo)-----	Formosa-----		1		California*.
<i>Citrus paradisi</i> (grapefruit)-----	Brazil, Pan- ama, Trini- dad, Uru- guay.		5		Do.
<i>Citrus sinensis</i> (orange)-----	Brazil, Pan- ama, Trini- dad, Uru- guay.	1	14		California*, Florida*.
<i>Parlatoria citri</i> McKenzie (Coccidae):					
<i>Citrus aurantifolia</i> (sour lime)-----	Straits Settle- ments.		1		California*.
<i>Parlatoria crotonis</i> Dougl. (Coccidae):					
<i>Codiaeum variegatum</i> (croton)-----	Hawaii-----		1	2	California*, New Jersey.
<i>Parlatoria fluggeae</i> Hall (Coccidae):					
<i>Hibiscus</i> sp.-----	do-----			1	California.*
<i>Parlatoria oleae</i> (Colvee) (Coccidae):					
<i>Malus sylvestris</i> (apple)-----	Afghanistan, Greece (?), Italy.	27		2	District of Columbia, Michigan, New York.
<i>Mespilus germanica</i> (medlar)-----	Italy-----	2			New York.
<i>Olea europaea</i> (olive)-----	Greece-----			2	District of Columbia, New Jersey.
<i>Prunus armeniaca</i> (apricot)-----	Afghanistan--			1	District of Columbia.
<i>Prunus persica</i> (peach)-----	do-----			1	Do.
<i>Prunus sp.</i> (plum)-----	do-----			1	Do.
<i>Pyrus communis</i> (pear)-----	Afghanistan, Italy.	2		1	District of Columbia, New York.
<i>Quercus</i> sp. (?)-----	Italy-----			1	New Jersey.
<i>Parlatoria pittospori</i> Mask. (Coccidae):					
<i>Glottiphyllum</i> sp.-----	Union of South Africa.			1	Do.
<i>Haworthia</i> sp.-----	do-----			1	Do.
<i>Palm</i> -----	Mexico-----	1			California.*
<i>Parlatoria pseudaspidiotus</i> Ldgr. (Cocci- dae):					
Orchid-----	India, Japan, Philippines.			3	California*, New Jersey, Washington.
<i>Vanda joaquimiae</i> (orchid)-----	Philippines, Siam.			3	California*, New Jersey.
<i>Vanda suavis</i> -----	Batavia-----			1	New Jersey.
<i>Vanda teres</i> -----	Straits Settle- ments.			1	California.*
<i>Vanda</i> sp.-----	Hawaii, Siam.			2	California*, New Jersey.
<i>Parlatoria theae</i> Ckll. (Coccidae):					
<i>Acer</i> sp. (maple)-----	Japan-----	1		3	California*, Washington.
<i>Prunus</i> sp., perhaps <i>mume</i> -----	do-----			1	District of Columbia.
<i>Rosa</i> sp. (rose)-----	do-----			1	California.*
<i>Parlatoria zizyphus</i> (Lucas) (Coccidae):					
<i>Citrus aurantifolia</i> (sour lime)-----	China, Phil- ippines, Straits Set- tlements.		5		Do.
<i>Citrus grandis</i> (pummelo)-----	Formosa, Japan, Phil- ippines, Straits Set- tlements.		4		Do.
<i>Citrus limon</i> (lemon)-----	Australia, Italy, Japan, Spain.		13		California*, Florida.*
<i>Citrus paradisi</i> (grapefruit)-----	China-----		1		California.*
<i>Citrus reticulata</i> (tangerine)-----	China, Japan.	1	2		California*, Minnesota.

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<i>Parlatoria zizyphus</i> —Continued					
<i>Citrus sinensis</i> (orange)-----	Algeria, China, Italy, Phil- ippines, Spain.	1	8	-----	California*, Hawaii, Massachu- setts, Penn- sylvania.
<i>Parozyna sororcula</i> (Wied.) (Tephriti- dae):					
<i>Eriocephalus pubescens</i> -----	Pretoria-----	-----	-----	1	District of Columbia.
<i>Petalus hibisci</i> (Kot.) (Aleyrodidae):					
<i>Hibiscus</i> sp.-----	Hawaii-----	1	-----	-----	California.*
<i>Pectinophora gossypiella</i> (Saund.) (Gelechiidae):					
<i>Gossypium</i> sp. (cottonseed)-----	Brazil, Egypt, Hawaii, India, Italy, Jamaica, Mexico, Pakistan, Philippines.	26	5	2	Florida*, Michigan, New York, Pennsylvan- ia, Texas.
<i>Gossypium</i> sp. (seed cotton)-----	Haiti, Mexico-----	3	-----	-----	Florida*, Texas.
<i>Gossypium</i> sp. (cotton boll)-----	Virgin Islands-----	1	-----	-----	New York.
<i>Gossypium</i> sp. (cotton; grabbotts)-----	Brazil-----	1	-----	-----	Texas.
<i>Hibiscus esculentus</i> (okra)-----	American Vir- gin Islands, Brazil, Puerto Rico.	4	1	-----	New York.
In railway car-----	Mexico-----	1	-----	-----	Texas.
<i>Phalonia zephyrana</i> (Treit.) (Phalonii- dae):					
<i>Daucus carota</i> (carrot)-----	Italy-----	-----	2	-----	Alabama, Louisiana.
<i>Phatnoma annulipes</i> Champ. (Tingidae):					
Orchid-----	Mexico-----	-----	-----	2	Texas.
<i>Pheidole megacephala</i> (F.) (Formicidae):					
<i>Ananas comosus</i> (pineapple)-----	Cuba-----	2	-----	-----	Louisiana, New York.
<i>Solanum melongena</i> (eggplant)-----	do-----	1	-----	-----	New York.
<i>Phelomerus germaini</i> Pic (Bruchidae):					
<i>Cercidium australe</i> -----	Argentina-----	-----	-----	1	Washington.
<i>Phenacaspis sandwicensis</i> Fullaway (Coccidae):					
<i>Cocos nucifera</i> (coconut)-----	Hawaii-----	-----	1	-----	California.*
<i>Strelitzia</i> sp.-----	do-----	-----	-----	1	Do.
<i>Phenacoccus gossypii</i> Towns. & Ckll. (Coccidae):					
<i>Coleus</i> sp.-----	Mexico-----	-----	-----	1	Arizona.
<i>Phlyctinus callosus</i> Boh. (Curculioni- dae):					
<i>Vitis</i> sp. (grape)-----	Union of South Africa.	7	-----	-----	Maryland, New York.
<i>Phragmatobia fuliginosa</i> (L.) (Arctiidae):					
<i>Primula</i> sp.-----	England-----	-----	-----	1	New York.
<i>Phyllotreta cruciferae</i> (Goeze) (Chryso- melidae):					
<i>Pyrus communis</i> (pear)-----	France-----	-----	1	-----	Massachu- setts.
<i>Physonota humilis</i> Boh. (Chrysomelidae):					
Orchid-----	Mexico-----	-----	-----	1	Arizona.
<i>Physorhinus distigma</i> Cand. (Elateri- dae):					
Log-----	Costa Rica, Mexico.	2	-----	-----	California.*
<i>Physorhinus distigma cephalicus</i> Cand. (Elateridae):					
<i>Cedrus</i> sp. (cedar)-----	Canal Zone--	1	-----	-----	New York.
<i>Phytomyza atricornis</i> Meig. (Agromyzi- dae):					
<i>Cichorium endivia</i> (endive)-----	Belgium-----	64	-----	-----	Massachu- setts, New York.
<i>Cichorium intybus</i> (chicory)-----	do-----	8	1	-----	New York.
<i>Piezodorus purus</i> (Stal) (Pentatomidae):					
<i>Tetragonia arbuscula</i> -----	Pretoria-----	-----	-----	1	District of Columbia.

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<i>Pinnaspis buzi</i> (Bouche) (Coccidae):					
<i>Anthurium</i> sp.-----	Costa Rica, Hawaii.	2		2	California*, Florida.
<i>Cirrhopetalum</i> sp. (orchid)-----	India-----			1	New Jersey.
<i>Dendrobium fusiforme</i> (orchid)-----	Australia-----			2	Hawaii.
<i>Dendrobium speciosum</i> -----	do-----			3	Hawaii, New Jersey, Washington.
<i>Dendrobium</i> sp.-----	do-----			1	Washington.
<i>Philodendron</i> sp.-----	Hawaii-----			1	California.*
<i>Pityogenes bidentatus</i> (Herbst.) (Scolytidae):					
<i>Pinus</i> sp. (pine)-----	Germany, Netherlands.	4			Alabama, New York, Texas.
<i>Pityogenes chalcographus</i> (L.) (Scolytidae):					
Bark-----	Belgium, Sweden.	2			New Jersey, Pennsylvania.
Coniferous wood-----	Finland-----	1			Pennsylvania.
<i>Picea</i> sp. (spruce)-----	Finland, Germany, Hungary, Sweden.	16			New York.
<i>Pinus</i> sp. (pine)-----	Germany, Hungary, Netherlands.	5			Louisiana, New York.
<i>Pityophthorus sambuci</i> Blkm. (Scolytidae):					
Bark-----	Mexico-----	1			California.
<i>Salix</i> sp. (willow)-----	do-----	1			Texas.
<i>Plagioderia thymaloides</i> Stal (Chrysomelidae):					
Orchid-----	do-----			5	Do.
<i>Platycaenus humilis</i> (H.-S.) (Pentatomidae):					
<i>Musa paradisiaca sapientum</i> -----	Costa Rica-----	1			California.*
(banana)					
<i>Platycaenus notulatus</i> Stal (Pentatomidae):					
<i>Musa paradisiaca sapientum</i> -----	Mexico-----	1			Do.
(banana)					
<i>Platynota rostrana</i> (Wlk.) (Tortricidae):					
<i>Ananas comosus</i> (pineapple)-----	Cuba-----	1			Louisiana.
<i>Capsicum frutescens longum</i> -----	Mexico-----	3			California.*
(long red pepper)					
<i>Lycopersicon esculentum</i> (tomato)-----	do-----	9			Texas.
<i>Platynota stultana</i> (Wlsm.) (Tortricidae):					
<i>Beta vulgaris</i> (beet)-----	do-----	1			Do.
<i>Capsicum frutescens</i> (pepper)-----	do-----	48			Arizona, Texas.
<i>Lycopersicon esculentum</i> (tomato)-----	do-----	1			Texas.
<i>Platypus rugulosus</i> Chapuis (Platypodidae):					
<i>Ananas comosus</i> (pineapple)-----	do-----	4			Do.
<i>Ceiba</i> sp.-----	Nicaragua-----	1			New York.
Log-----	Costa Rica-----	1			South Carolina.
<i>Platythrips tunicatus</i> Hal. (Thripidae):					
Woods moss-----	England-----			1	New Jersey.
<i>Plesiommata mollicella</i> (Fowl.) (Cicadellidae):					
<i>Gladiolus</i> sp.-----	Mexico-----	1			Texas.
<i>Poecilips persicae</i> (Hopk.) (Scolytidae):					
Cyatheaceae-----	Hawaii-----	1			California.*
<i>Pogonocherus fasciculatus</i> Deg. (Cerambycidae):					
<i>Picea</i> sp. (spruce)-----	Sweden-----	1			New York.
<i>Polia oleracea</i> (L.) (Phalaenidae):					
<i>Beta vulgaris macrorrhiza</i> -----	England-----		1		Do.
(mangel-wurzel)					
" <i>Poliaspis</i> " <i>pini</i> Mask. (Coccidae):					
<i>Pinus thunbergii</i> (2-leaved pine)-----	Japan-----			1	Washington.
<i>Pinus</i> sp. (2-leaved pine)-----	do-----			3	Do.
<i>Pinus</i> sp.-----	do-----			1	California.*

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<i>Polycaon chiliensis</i> (Cast.) (Bostrichidae):					
<i>Vitis</i> sp. (grape).....	Chile.....	1			New York.
<i>Polychrosis botrana</i> (Schiff.) (Olethreutidae):					
<i>Vitis</i> sp. (grape).....	France, Italy..	4	1		Massachusetts, New York.
<i>Prays oleellus</i> (F.) (?) (Hyponomeutidae):					
<i>Olea europaea</i> (olive).....	Lebanon.....	1			New York.
<i>Premnotypes fractirostris</i> Mshl. (Curculionidae):					
<i>Solanum tuberosum</i> (potato).....	Peru.....		1		Texas.
<i>Premnotypes solani</i> Pierce (Curculionidae):					
<i>Solanum tuberosum</i> (potato).....	do.....		2		Do.
<i>Premnotypes vorax</i> (Hust.) (Curculionidae):					
<i>Solanum tuberosum</i> (potato).....	Ecuador.....		1		New York.
<i>Prodenia eridania</i> (Cram.) (Phalaenidae):					
<i>Aster</i> sp.....	Bermuda.....	1			Do.
<i>Chrysanthemum</i> sp.....	Venezuela.....	1			Do.
<i>Lilium longiflorum</i> (Easter lily).....	Honduras.....	1			Louisiana.
<i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	1			Arizona.
<i>Prodenia ornithogalli</i> Gn. (Phalaenidae):					
<i>Zinnia</i> sp.....	do.....	1			Texas.
<i>Prostephanus truncatus</i> (Horn) (Bostrichidae):					
<i>Zea mays</i> (corn).....	do.....			1	Do.
<i>Protopulvinaria longivalvata</i> (Green) (Coccidae):					
<i>Antidesma bunius</i> (bignay China laurel).....	Canal Zone.....			1	Florida.
<i>Gardenia augusta</i> (gardenia).....	Venezuela.....	3	1	1	Alabama, New York, California.*
<i>Eugenia jambos</i> (rose-apple).....	Canal Zone.....			1	
<i>Protopulvinaria pyriformis</i> (Ckll.) (Coccidae):					
<i>Gardenia augusta</i> (gardenia).....	Cuba.....	2			Florida.*
<i>Lonicera</i> sp.....	Bermuda.....			1	New York.
<i>Vanilla pompona</i> (orchid).....	Canal Zone.....			1	Texas.
<i>Pseudaonidia clavigera</i> Ckll. (Coccidae):					
<i>Plumeria</i> sp.....	Hawaii.....			1	California.*
<i>Pseudaonidia curculiginis</i> Green (Coccidae):					
<i>Cymbidium findlaysonianum</i> (orchid).....	Philippines.....			1	Do.
<i>Pseudaonidia tessera</i> (de Charm.) (Coccidae):					
<i>Hibiscus</i> sp.....	Hawaii.....			1	Do.
<i>Pseudaonidia trilobitiformis</i> (Green) (Coccidae):					
<i>Citrus limon</i> (lemon).....	Argentina, Brazil.....		2		Do.
<i>Izora</i> sp.....	Canal Zone.....			1	Florida.
<i>Pseudischnaspis acephala</i> Ferris (Coccidae):					
<i>Arundina bambusifolia</i> (orchid).....	do.....			1	California.*
<i>Pseudischnaspis alienus</i> (Newst.) (Coccidae):					
<i>Brassarola</i> sp. (orchid).....	Honduras.....			1	Florida.
<i>Cattleya skinneri</i> (orchid).....	Costa Rica.....			1	New Jersey.
<i>Cattleya</i> sp.....	Guatemala, Venezuela.....			2	Florida, New Jersey.
<i>Laelia anceps</i> (orchid).....	Mexico.....			1	Texas.
<i>Laelia autumnalis</i> (?).....	do.....			1	California.*
<i>Philodendron</i> sp.....	Guatemala.....			1	Do.
<i>Pseudococcus palmarum</i> (Ehrh.) (Coccidae):					
<i>Cocos nucifera</i> (coconut).....	Hawaii, Philippines.....	7	2		California.*
<i>Pseudococcus pini</i> (Kuw.) (Coccidae):					
<i>Pinus</i> sp. (pine).....	Japan, Korea.....			4	California*, District of Columbia, Washington.

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<i>Pseudococcus trichilae</i> Brain (Coccidae): <i>Leucadendron argenteum</i>	Union of South Africa.	1			New Jersey.
(silver leucadendron) <i>Pseudodiaspis yuccae</i> (Ckll.) (Coccidae): <i>Cactus</i>	Mexico.....			1	Arizona.
<i>Pseudoparlatoria ostreata</i> Ckll. (Coccidae): <i>Cattleya mossiae</i> (orchid).....	Costa Rica.....			1	California.*
<i>Psila rosae</i> (F.) (Psilidae): <i>Apium graveolens</i> (celery).....	England, France, Netherlands.		11		Alabama, New York, Pennsylvania, Texas.
<i>Apium graveolens rapaceum</i> (celeriac).....	Denmark, Netherlands, Norway.		8		Louisiana, Texas,
<i>Chrysanthemum</i> sp.	England.....			1	New Jersey.
<i>Daucus carota</i> (carrot).....	Algeria, Belgium, Cuba, Denmark, England, France, Ireland, Italy, Netherlands, Portugal, Sweden, Wales.		43		Alabama, New York, Ohio, South Carolina, Texas, Virginia.
<i>Pastinaca sativa</i> (parsnip).....	England.....		4		Texas.
<i>Pteleobius vittatus</i> (F.) (Scolytidae): <i>Ulmus</i> sp. (elm).....	do.....	1			New York.
<i>Ptochoryctis tsugensis</i> (Kearf.) (?) (Xyloryctidae): <i>Cupressus</i> sp. (cypress).....	Japan.....			1	Washington.
<i>Pinus</i> sp. (5-leaved pine).....	do.....			2	Do.
<i>Pulvinaria innumerabilis</i> (Rath.) (Coccidae): <i>Vitis</i> sp. (grape).....	France.....			1	New Jersey.
<i>Pulvinaria psidii</i> Mask. (Coccidae): <i>Anthurium</i> sp.	Trinidad.....			1	Florida.
<i>Ficus paudurata</i> (fiddleleaf fig).....	Cuba.....			1	New Jersey.
<i>Pittosporum</i> sp.	Bermuda.....			1	Maryland.
<i>Syzygium cumini</i> (jambolan-plum).....	Philippines.....	1			California.*
<i>Puto mexicanus</i> (Ckll.) (?) (Coccidae): <i>Laelia</i> sp. (orchid).....	Mexico.....			1	Texas.
<i>Pyrausta nubilalis</i> (Hbn.) (Pyraustidae): <i>Beta vulgaris</i> (beet).....	Italy.....		1		Do.
<i>Corylus avellana</i> (filbert).....	do.....			1	New Jersey.
<i>Sorghum vulgare technicum</i> (broomcorn).....	France, Hungary, Italy.	18			Maryland, Massachusetts, New York, Pennsylvania.
<i>Zea mays</i> (corn).....	France.....	1	1	1	California*, New York, Texas.
<i>Quichuana calathea</i> Shannon (Syrphidae): <i>Tillandsia</i> sp.	Mexico.....			1	Texas.
<i>Renocis mexicanus</i> Blkm. (Scolytidae): Wood.....	do.....	1			Washington.
<i>Rhabdoscelus obscurus</i> (Boisd.) (Curculionidae): <i>Saccharum officinarum</i> (sugarcane) ..	American Samoa.....	1			Hawaii.
<i>Rhagoletis alternata</i> (Fall.) (Tephritidae): <i>Rosa</i> sp. (rose).....	Sweden.....	1			New York.
<i>Rhagoletis alternata</i> (Fall.) (?) (Tephritidae): <i>Rosa</i> sp. (rose).....	Austria, Sweden.	1		1	New York, Washington.
<i>Rhagoletis cerasi</i> (L.) (Tephritidae): <i>Prunus</i> sp. (cherry).....	France, Germany, Italy, Portugal, unknown.	3	5		Massachusetts, New York.

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<i>Rhagoletis cerasi</i> (L.) (?) (Tephritidae): <i>Prunus</i> sp. (cherry).....	France, Italy, Portugal, Spain.		4		Massachusetts, New York.
<i>Rhagoletis juglandis</i> Cress. (?) (Tephritidae): <i>Juglans</i> sp. (walnut).....	Mexico.....	1			Texas.
<i>Rhagoletis pomonella</i> (Walsh) (Tephritidae): <i>Crataegus</i> sp. (red haw).....	do.....	1			Do.
<i>Malus sylvestris</i> (apple).....	Mexico, unknown.	8	1		New York, Texas.
<i>Rhagoletis striatella</i> Wulp (Tephritidae): <i>Physalis</i> sp. (husk tomato).....	Mexico.....	1			Texas.
<i>Rhinoncus pyrrhopus</i> Boh. (Curculionidae): <i>Armeria</i> sp. (statice).....	do.....	1			Do.
<i>Rhipibruchus leiboldi</i> (Philippi) (Bruchidae): <i>Prosopis</i> sp.....	Argentina.....			1	District of Columbia.
<i>Rhipibruchus picturatus</i> (Fahr.) (Bruchidae): <i>Prosopis alba</i>	do.....			2	District of Columbia, Oregon, Washington.
<i>Prosopis</i> sp.....	do.....			1	
<i>Rhopalosiphoninus tulipae</i> (Theob.) (Aphidae): <i>Tulipa</i> sp. (tulip).....	Netherlands.....			1	New York.
<i>Ribua innoxia</i> Hein. (Phycitidae): <i>Ananas comosus</i> (pineapple).....	Cuba.....	25			Louisiana, New York, Texas.
<i>Ripersiella palestineae</i> Hambl. (Coccidae): <i>Arum</i> sp.....	Palestine.....			1	District of Columbia.
<i>Iris</i> sp.....	do.....			1	Do.
<i>Sternbergia</i> sp.....	do.....			1	Do.
<i>Saldula saltatoria</i> (L.) (Saldidae): Soil and moss packing.....	Ireland.....			1	New York.
<i>Scolopostethus affinis</i> (Schilling) (Lygaeidae): Soil around rhododendrons.....	England.....			1	Washington.
<i>Scolytus intricatus</i> (Ratz.) (Scolytidae): <i>Quercus</i> sp. (oak).....	do.....	1			New York.
<i>Sesamia cretica</i> (Led.) (Phalaenidae): <i>Sorghum vulgare technicum</i> (broomcorn).....	France, Italy.....	23			Maryland, New York.
<i>Sesamia vuteria</i> (Stoll) (Phalaenidae): <i>Sorghum vulgare technicum</i> (broomcorn).....	Morocco, Portugal.	3			New York.
<i>Sibine stimulea</i> (Clem.) (Limacodidae): <i>Musa paradisiaca sapientum</i> (banana).....	Costa Rica.....	1			California.*
<i>Sinozylon anale</i> Lesne (Bostrichidae): Wood.....	India.....	2			New York.
<i>Sinozylon conigerum</i> Gerst. (Bostrichidae): <i>Cocos nucifera</i> (coconut).....	Hawaii. Ceylon, India.	1 21			Hawaii. New York.
<i>Sinozylon sexdentatum</i> (Oliv.) (Bostrichidae): Leguminosae (?).....	Algeria.....	1			Pennsylvania.
Wood staves.....	do.....	2			Do.
<i>Sisamnes contractus</i> Dist. (Lygaeidae): <i>Ananas comosus</i> (pineapple).....	Mexico.....	14			Texas.
<i>Sitona humeralis</i> Steph. (Curculionidae): <i>Allium sativum</i> (garlic).....	Italy.....	1			New York.
<i>Lilium</i> sp. (lily).....	do.....			1	Do.
<i>Rosa</i> sp. (rose).....	do.....			1	Do.
<i>Vitis</i> sp. (grape).....	do.....	1			Do.
<i>Sitona lineata</i> (L.) (Curculionidae): <i>Apium graveolens</i> (celery).....	Netherlands.....		1		Pennsylvania.
<i>Narcissus</i> sp.....	do.....			1	New York.
<i>Rhododendron</i> sp.....	do.....			1	New Jersey.

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<i>Sizeonotus luteiceps</i> Reuter (Miridae):					
Cactus.....	Mexico.....			1	Texas.
Flower.....	do.....	1			Do.
<i>Mammillaria</i> sp. (cactus).....	do.....			1	Do.
Succulent plant.....	do.....			1	Arizona.
<i>Sparteus villosus</i> (F.) (Bruchidae):					
<i>Cytisus purpureus</i> (purple broom).....	Italy.....			2	New Jersey.
<i>Cytisus scoparius</i> (Scotch broom).....	do.....			1	Do.
<i>Cytisus</i> sp.....	Austria.....			1	Washington.
<i>Laburnum anagyroides</i> (goldenchain).....	Italy.....			1	New Jersey.
<i>Spartium junceum</i> (weavers-broom).....	do.....			1	Do.
<i>Specularius impressithorax</i> (Pic) (Bruchidae):					
<i>Erythrina tomentosa</i>	Kenya.....			1	Do.
<i>Spermophagus cardui</i> (Boh.) (Bruchidae):					
<i>Convolvulus arvensis</i>	Turkey.....			1	District of Columbia.
<i>Sphenarches caffer</i> (Zell.) (Pterophoridae):					
<i>Cajanus cajan</i> (pigeonpea).....	Puerto Rico.....	5			New York.
<i>Spintherus leguminum</i> Ratz. (Pteromalidae):					
<i>Astragalus</i> sp.....	Turkey.....			1	District of Columbia.
<i>Stenomema anonella</i> Sepp. (Stenomidae):					
<i>Annona muricata</i> (soursoap).....	Panama.....	1			Florida.*
<i>Annona</i> sp.....	Salvador.....	1			Louisiana.
<i>Stenomema catenifer</i> (Wism.) (Stenomidae):					
<i>Persea americana</i> (avocado).....	Brazil, British West Indies, Colombia, Ecuador, Guatemala, Honduras, Mexico, Nicaragua, Panama, Peru, Puerto Rico, Salvador, Venezuela.	19	12		Alabama, California*, Florida*, Louisiana, Massachusetts, New York, Texas.
<i>Persea schiedeana</i> (coyo avocado).....	Honduras.....			1	Florida.
<i>Stephanitis pyrioides</i> Scott (Tingidae):					
<i>Rhododendron</i> sp.....	Japan.....			1	California.*
<i>Stephanoderes buscki</i> Hopk. (Scolytidae):					
<i>Myristica fragrans</i> (nutmeg).....	British West Indies.....	1			New York.
<i>Stephanoderes hampei</i> (Ferr.) (Scolytidae):					
<i>Coffea</i> sp. (coffee).....	Brazil.....		1		Do.
<i>Stephanoderes lecontei</i> Hopk. (Scolytidae):					
<i>Musa paradisiaca sapientum</i>	Guatemala.....	1			South Carolina.
(banana).....					
<i>Potnciana</i> sp. (?).....	Mexico.....	1			Texas.
<i>Saccharum officinarum</i> (sugarcane).....	do.....	1			Do.
Seed pod.....	do.....	1			Do.
<i>Strophosoma melanogramma</i> Forst. (Curculionidae):					
Woods moss.....	Germany.....			1	New Jersey.
<i>Systole geniculata</i> Foerst. (Eurytomidae):					
<i>Anethum graveolens</i> (dill).....	India (?).....		1		Pennsylvania.
<i>Petroselinum crispum</i> (parsley).....	Mexico.....	1			Arizona.
<i>Taeniothrips atratus</i> (Hal.) (Thripidae):					
<i>Aster</i> sp.....	Switzerland.....		1		New York.
<i>Dianthus</i> sp. (carnation).....	Sweden.....	1			Massachusetts.
<i>Lathyrus odoratus</i> (sweet pea).....	Scotland, Sweden.....		2		New York.
<i>Rosa</i> sp. (rose).....	Sweden.....	1			Do.
<i>Taeniothrips dianthi</i> Pr. (Thripidae):					
<i>Dianthus</i> sp. (carnation).....	Unknown.....		1		Do.
<i>Taeniothrips gracilis</i> Mlt. (Thripidae):					
<i>Lycoris</i> sp.....	China.....			1	New Jersey.
<i>Vanda</i> sp. (orchid).....	India.....			1	Do.

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Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Taeniothrips hawaiiensis</i> (Morg.) (Thripidae):					
<i>Bougainvillea</i> sp.	Hawaii	2			California.*
<i>Canavalia</i> sp.	do	7			Do.
<i>Dianthus</i> sp. (carnation) ..	do	6			Do.
Flower lei ..	do	1			Do.
<i>Gardenia augusta</i> (gardenia) ..	do	1			Do.
<i>Taeniothrips simplex</i> (Mor.) (Thripidae):					
<i>Dianthus</i> sp. (carnation) ..	Guatemala, Mexico, Peru	2	1		Louisiana, Texas.
<i>Gladiolus</i> sp.	Cuba, Mexico, Netherlands, New Zealand, Peru, Venezuela.	10	3	5	California*, Louisiana, New Jersey, New York, Texas, Washington.
<i>Ornithogalum thyrsoides</i> (chinkerichee) ..	Cape of Good Hope.			1	New Jersey.
<i>Talponia batesi</i> Hein. (Olethreutidae):					
<i>Annona cherimola</i> (cherimoya) ..	Mexico	2			Texas.
<i>Tanymecus confusus</i> Say (Curculionidae):					
<i>Ananas comosus</i> (pineapple) ..	do	1			Do.
" <i>Targionia</i> " <i>bromiliae</i> (Leon.) (Coccidae):					
<i>Ananas comosus</i> (pineapple) ..	Cuba, Hawaii, Mexico.	40			California*, New York, Texas.
" <i>Targionia</i> " <i>hartii</i> (Ckll.) (Coccidae):					
<i>Dioscorea</i> sp. (yam) ..	American Virgin Islands, Barbados, China, Nevis, St. Kitts, West Indies.	6			Hawaii, Massachusetts, New York.
" <i>Targionia</i> " <i>sacchari</i> (Ckll.) (Coccidae):					
<i>Cymbopogon citratus</i> (lemon grass) ..	Jamaica	1			Florida.*
Gramineae ..	Guam			1	California.*
<i>Pennisetum purpureum</i> (napier grass) ..	Trinidad			1	New Jersey.
<i>Saccharum officinarum</i> (sugarcane) ..	Puerto Rico	2			New York, Virginia.
<i>Targionia vitis</i> (Sign.) (Coccidae):					
<i>Vitis</i> sp. (grape) ..	Italy			1	Michigan.
<i>Tenthecoris angustimarginatus</i> Hsiao & Sailer (Miridae):					
<i>Laelia</i> sp. (orchid) ..	Mexico			2	Texas.
Orchid ..	do			10	Do.
<i>Tenthecoris bicolor</i> Scott (Miridae):					
<i>Cattleya</i> sp. (orchid) ..	Brazil			1	New Jersey.
Orchid ..	do			1	Puerto Rico.
<i>Tenthecoris confusus</i> Hsiao & Sailer (Miridae):					
<i>Cattleya</i> sp. (orchid) ..	Honduras			1	Texas.
<i>Laelia anceps</i> (orchid) ..	Mexico	1			Do.
<i>Laelia</i> sp.	do			1	Do.
Orchid ..	do			10	Do.
<i>Tenthecoris distinctus</i> Hsiao & Sailer (Miridae):					
<i>Cynoches chlorochilon</i> (orchid) ..	Canal Zone			1	Florida.
Orchid ..	Mexico			14	Texas.
<i>Tenthecoris distinguendus</i> Hsiao & Sailer (Miridae):					
Orchid ..	Costa Rica			1	Florida.
<i>Tenthecoris exitiosus</i> (Dist.) (Miridae):					
<i>Cattleya</i> sp. (orchid) ..	Colombia			1	Texas.
<i>Tenthecoris venezuelensis</i> Hsiao & Sailer (Miridae):					
<i>Cattleya</i> sp. (orchid) ..	Venezuela			5	New Jersey, Texas.
Orchid ..	do			4	Florida, New Jersey, New York.
<i>Tenthecoris vestitus</i> (Dist.) (Miridae):					
<i>Epidendrum fragrans</i> (orchid) ..	Guatemala			1	California.*

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<i>Tenthecoris vestitus</i> —Continued					
<i>Odontoglossum pulchellum</i> (orchid) ..	do.			1	California.*
<i>Oncidium bicallosum</i> (orchid) ..	do.			1	Do.
<i>Termes hispaniolae</i> (Banks) (Termiti- dae):					
<i>Chlorophora tinctoria</i> (fustic tree)					
<i>Tetraleurodes hederæ</i> Goux (Aleyrodi- dae):	Colombia	1			New York.
<i>Hedera canariensis</i> var. <i>variegata</i>					
<i>Tetraleurodes mori</i> (Q.) (Aleyrodidae):	France			1	New Jersey.
<i>Citrus aurantifolia</i> (sour lime)					
<i>Citrus sinensis</i> (orange)	Mexico	1			Texas.
<i>Citrus</i> sp.	do.	6			Do.
Leaf	do.	9			Do.
<i>Nerium oleander</i> (oleander)	do.			1	Arizona.
<i>Psidium guajava</i> (guava)	do.	1			Do.
<i>Tetrapirocerca longicornis</i> (Oliv.) (Bos- trichidae):	do.	1		1	Do.
<i>Ananas comosus</i> (pineapple)					
<i>Thamnophthorus schwarzi</i> Blkm. (Scoly- tidae):	do.	1			Texas.
<i>Persea americana</i> (avocado)					
<i>Thrips angusticeps</i> Uzel (Thripidae):	do.	2			Do.
<i>Cichorium intybus</i> (chicory)					
<i>Thrips flarus</i> Schr. (Thripidae):	France		1		New York.
<i>Dianthus</i> sp. (carnation)					
<i>Phlox</i> sp.	Norway	1			Do.
<i>Rosa</i> sp. (rose)	England			1	New Jersey.
<i>Rudbeckia</i> sp.	Germany	1			New York.
<i>Thrips fuscipennis</i> Hal. (Thripidae):	Denmark		1		Do.
<i>Aster</i> sp.					
<i>Rudbeckia</i> sp.	Switzerland		1		Do.
<i>Thrips hawaiiensis</i> (Morg.) (Thripidae):	Denmark	1		1	Do.
<i>Vanda</i> sp. (orchid)					
<i>Thrips nigropilosus</i> Uzel (Thripidae):	Hawaii	1			Hawaii.
<i>Aster</i> sp.					
<i>Thrips trehernei</i> Pr. (Thripidae):	England			1	New Jersey.
<i>Dianthus</i> sp. (carnation)					
<i>Tomaspsis postica</i> Wlk. (Cercopidae):	British Col- umbia.	1			Minnesota.
<i>Saccharum officinarum</i> (sugarcane) ..					
<i>Tomoplagia obliqua</i> (Say) (Tephritidae):	Mexico	1			Arizona.
Airplane					
<i>Trapezonotus arenarius</i> (L.) (Lygaeidae):	do.		1		Texas.
Soil					
Woods moss around rose cutting	France			1	New York.
<i>Trialeurodes lauri</i> (Sign.) (Aleyrodidae):	Germany			1	New Jersey.
<i>Laurus</i> sp.					
<i>Trialeurodes vaporariorum</i> (Westw.) (Aleyrodidae):	Italy	2			New York.
Herb					
<i>Jasminum polyanthum</i>	Mexico	1			Texas.
<i>Rosa</i> sp. (rose)	England			1	California.*
<i>Trichobaris mucorea</i> (Lec.) (Curculioni- dae):	Mexico			1	Texas.
<i>Solanum melongena</i> (eggplant)					
<i>Trionymus lounsburyi</i> Brain (Coccidae):	do.	1			Arizona.
<i>Ornithogalum thyrsoides</i> (chinkerichiee)					
<i>Trioea anceps</i> Tuth. (Psyllidae):	Union of South Africa.			1	New Jersey.
Leaf					
<i>Trochuda raspa</i> (Druce) (Pericopidae):	Mexico	1			Texas.
Orchid					
<i>Trupanea pentziana</i> Munro (Tephriti- dae):	do.			1	Do.
<i>Pentzia spinescens</i>					
<i>Tychius inermis</i> Csy. (Curculionidae):	Pretoria			1	District of Columbia.
<i>Tillandsia usneoides</i> (Spanish moss)					
<i>Ulopa reticulata</i> (F.) (Cicadellidae):	Mexico	1			Texas.
<i>Calluna vulgaris</i> (heather)					
<i>Unaspis citri</i> (Comst.) (Coccidae):	Scotland			1	Washington.
<i>Citrus paradisi</i> (grapefruit)					
<i>Citrus reticulata</i> (tangerine)	Panama		1		California.*
	Brazil		1		New York.

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<i>Unaspis citri</i> —Continued <i>Citrus sinensis</i> (orange)-----	Argentina,----- Brazil, Mexico, Panama, Trinidad.	-----	5	-----	California*, Florida.*
<i>Unaspis yanonensis</i> (Kuw.) (Coccidae): <i>Citrus reticulata</i> (tangerine)-----	Japan-----	-----	3	-----	California.*
<i>Valtissus diversus</i> (Dist.) (Lygaeidae): Orchid-----	Mexico-----	-----	-----	1	Texas.
<i>Vesiculaphis caricis</i> (Full.) (Aphidae): <i>Rhododendron</i> sp.-----	Japan-----	-----	-----	1	Washington.
<i>Vinsonia stellifera</i> (Westw.) (Coccidae): <i>Aspasia</i> sp. (orchid)-----	Canal Zone-----	-----	-----	1	Texas.
<i>Brassia caudata</i> (orchid)-----	do-----	-----	-----	1	California.*
<i>Bromellad</i> -----	do-----	-----	-----	2	California*, New Jersey.
<i>Cattleya</i> sp. (orchid)-----	Venezuela-----	-----	-----	1	New Jersey.
<i>Cynoches chlorochilon</i> (orchid)-----	Canal Zone-----	-----	-----	1	Florida.
<i>Izora</i> sp.-----	Trinidad-----	-----	-----	1	Do.
<i>Oncidium confusum</i> (orchid)-----	Canal Zone-----	-----	-----	2	Hawaii, Texas.
Orchid-----	Canal Zone, Jamaica.	-----	-----	5	California*, Florida.
<i>Renanthera</i> sp. (orchid)-----	Straits Settle- ments.	-----	-----	1	New Jersey.
<i>Xyleborus affinis</i> Eichh. (Scolytidae): Log-----	Costa Rica-----	2	-----	-----	South Caro- lina.
<i>Xylomeira torquata</i> (F.) (Bostrichidae): <i>Agrostis alba</i> (red top)-----	Mexico-----	1	-----	-----	Texas.
<i>Ananas comosus</i> (pineapple)-----	do-----	1	-----	-----	Do.
<i>Xylopsocus capucinus</i> (F.) (Bostrichi- dae): <i>Derris</i> sp.-----	China-----	1	-----	-----	New York.
<i>Xylosandrus morigerus</i> (Bldfd.) (Scoly- tidae): <i>Dendrobium phalaenopsis</i> (orchid)-----	Australia-----	-----	-----	1	California.*
<i>Xylothrips flavipes</i> (Ill.) (Bostrichidae): Wood-----	Ceylon-----	1	-----	-----	New York.
<i>Zabrotes subfasciatus</i> (Boh.) (Bruchidae): Airplane-----	Honduras-----	-----	1	-----	Texas.
Bean-----	Cuba, England, Mexico, Netherlands, Portugal, Puerto Rico, Venezuela.	5	4	-----	District of Columbia, Missouri, New York, Texas.
<i>Cajanus cajan</i> (pigeonpea)-----	Guatemala-----	-----	-----	2	District of Columbia.
<i>Chrysanthemum</i> sp.-----	Mexico-----	1	-----	-----	Texas.
<i>Lycopersicon esculentum</i> (tomato)-----	do-----	1	-----	-----	Do.
<i>Phaseolus lunatus</i> (sieva bean)-----	Guatemala-----	-----	-----	1	District of Columbia.
<i>Phaseolus lunatus macrocarpus</i> (lima bean)-----	Argentina-----	-----	1	-----	Texas.
<i>Phaseolus vulgaris</i> (kidney bean)-----	India-----	-----	-----	1	District of Columbia.
<i>Phaseolus</i> sp.-----	Mexico, Puerto Rico.	1	1	-----	California*, New York.
<i>Zale sabena</i> (Schaus) (Phalaenidae): Orchid-----	Mexico-----	-----	-----	1	Texas.

- ABIES:**
Aspidiotus abietis (Homoptera)
- ACACIA:**
Algarobius ceratioborus (Coleoptera)
Dendrobiella sericans (Coleoptera)
Mimosestes dominicanus (Coleoptera)
- ACER:**
Ceroplastes ceriferus (Homoptera)
Parlatoria theae (Homoptera)
- ACHRA:**
Anastrepha serpentina (Diptera)
Aspidiotus diffinis (Homoptera)
Asterolecanium pustulans (Homoptera)
- AGAVE:**
Crophius scabrosus (Coleoptera)
Monomorium destructor (Hymenoptera)
- AGROSTIS:**
Xylomeira torquata (Coleoptera)
- ALLIUM CEPA:**
Acrolepis assectella (Lepidoptera)
Lygaeus consanguinitus (Coleoptera)
Myzus ascalonicus (Homoptera)
- ALLIUM PORRUM:**
Acrolepis assectella (Lepidoptera)
- ALLIUM SATIVUM:**
Brachycerus albidentatus (Coleoptera)
Brachycerus alpinus (Coleoptera)
Listroderes aequirocus (Coleoptera)
Sitona humeralis (Coleoptera)
- ALOE:**
"Chionaspis" exalbida (Homoptera)
"Chionaspis" humilis (Homoptera)
- ALYXIA:**
Ceroplastes rubens (Homoptera)
Eucalyptinus tessellatus (Homoptera)
- ANANAS:**
Acrosticta mexicana (Diptera)
Alpheias conspirata (Lepidoptera)
Chalcodermus dentiferus (Coleoptera)
Clerada apicornis (Coleoptera)
Genopaschia protomis (Lepidoptera)
Horistonotus dilatatoris (Coleoptera)
Horistonotus rufiventris (Coleoptera)
Hypolithus pectoralis (Coleoptera)
Ligyrocoris litigiosus (Hemiptera)
Monomorium destructor (Hymenoptera)
Phelodole megacephala (Hymenoptera)
Platynota rostrana (Lepidoptera)
Platypus rugulosus (Coleoptera)
Ribua innoria (Lepidoptera)
Sisamnes contractus (Hemiptera)
Tanymericus confusus (Coleoptera)
"Targionia" bromiliae (Homoptera)
Tetrapirocera longicornis (Coleoptera)
Xylomeira torquata (Coleoptera)
- ANEMONE:**
Anuraphis tulipae (Homoptera)
- ANETHUM:**
Systole geniculata (Hymenoptera)
- ANNONA:**
Aleurotrachelus trachoides (Homoptera)
Anastrepha fraterculus (?) (Diptera)
Anastrepha ludens (Diptera)
Coccotrypes carpophagus (Coleoptera)
Sienoma anonella (Lepidoptera)
Talponia batesi (Lepidoptera)
- ANTHURIUM:**
Asterolecanium epidendri (Homoptera)
Ceroplastes rubens (Homoptera)
Chrysomphalus umboiferus (Homoptera)
Pinnaspis buxi (Homoptera)
Pulvinaria psidii (Homoptera)
- ANTIDESMA:**
Protopulvinaria longivalvata (Homoptera)
- ANTIRRHINUM:**
Frankliniella insularis (Thysanoptera)
- APIUM:**
Euleia heraclei (Diptera)
Psila rosae (Diptera)
Sitona lineata (Coleoptera)
- ARMERIA:**
Rhinoncus pyrrhopus (Coleoptera)
- ARUM:**
Ripersiella palestinae (Homoptera)
- ARUNDINA:**
Pseudischnaspis acephala (Homoptera)
- ASPASIA:**
Vinsonia stellifera (Homoptera)
- ASTER:**
Prodenia eridania (Lepidoptera)
Taeniothrips atratus (Thysanoptera)
Thrips fuscipennis (Thysanoptera)
Thrips nigropilosus (Thysanoptera)
- ASTILBE:**
Brachyrhinus sulcatus (Coleoptera)
- ASTRAGALUS:**
Spintherus leguminum (Hymenoptera)
- AUCUBA:**
Parlatoria camelliae (Homoptera)
- BAMBOO:**
Asterolecanium bambusae (Homoptera)
Dinoderus brevis (Coleoptera)
Heterobostrychus aequalis (Coleoptera)
- BETA:**
Aeoloides griseus (Coleoptera)
Lizus junci (Coleoptera)
Megasternum boletophagum (Coleoptera)
Platynota stultana (Lepidoptera)
Polia oleracea (Lepidoptera)
Pyrausta nubilalis (Lepidoptera)
- BOUGAINVILLEA:**
Haplothrips gowdeyi (Thysanoptera)
Taeniothrips havaiensis (Thysanoptera)
- BRACHYCHITON:**
Doratifera orleyi (Lepidoptera)
- BRASSAVOLA:**
Furcaspis biformis (Homoptera)
Pseudischnaspis alienus (Homoptera)
- BRASSIA:**
Vinsonia stellifera (Homoptera)
- BRASSICA OLERACEA BOTRYTIS:**
Leptophobia aripa (Lepidoptera)
Lygus fraudulentus (Hemiptera)
Mamestra brassicae (Lepidoptera)
- BRASSICA OLERACEA CAPITATA:**
Diabrotica speciosa (Coleoptera)
Eurydema ornatum (Hemiptera)
Ergestis forficatus (Lepidoptera)
Ergestis rimosalis (Lepidoptera)
Hellula phidilealis (Lepidoptera)
Mamestra brassicae (Lepidoptera)
- BRASSICA RAPA:**
Hellula phidilealis (Lepidoptera)
- BRASSICA SP. (mustard)**
Glyphonyx quadricollis (Coleoptera)
- BROMELIAD:**
Chelymophora biannularis (Coleoptera)
Epilachna varitextis (Coleoptera)
Lygaeus rittiscutis (Hemiptera)
Monanthia monotropidia (Hemiptera)
Ozophora consanguineus (Hemiptera)
Vinsonia stellifera (Homoptera)
- BROWNEA:**
Dercynus micronyx (Coleoptera)
- BRYOPHYLLUM:**
Coccus eridis (Homoptera)
Haplothrips gowdeyi (Thysanoptera)
- CACTUS:**
Icerya palmieri (Homoptera)
Lepidosaphes philococcus (Homoptera)
Mimorista flavidissimalis (Lepidoptera)
Pseudodiaspis yuccae (Homoptera)
Sizeonotus luteiceps (Hemiptera)
- CAESALPINIA:**
Algarobius ceratioborus (Coleoptera)
- CAJANUS:**
Acanthoscelides armitagei (Coleoptera)
Ancylostoma stercorae (Lepidoptera)
Callosobruchus chinensis (Coleoptera)
Callosobruchus maculatus (Coleoptera)
Cryptoccephalus nigrocinctus (Coleoptera)
Fundella pellucens (Lepidoptera)
Maruca testulalis (Lepidoptera)
Monomorium destructor (Hymenoptera)
Neodryocetes guianae (Coleoptera)
Sphenarches caffer (Lepidoptera)
Zabrotes subfasciatus (Coleoptera)
- CALLUNA:**
Dalopius marginatus (Coleoptera)
Gelechia ericetella (Lepidoptera)
Micrelus ericae (Coleoptera)
Ulopa reticulata (Homoptera)
- CALOCARPUM:**
Anastrepha serpentina (Diptera)
- CAMELLIA:**
Aleurotrachelus camelliae (Homoptera)

CAMELLIA—Continued

Aspidiotus degeneratus (Homoptera)
Ceroplastes rubens (Homoptera)
Copiosoma cibraria (Hemiptera)
Parlatoria camelliae (Homoptera)

CANANGIUM:

Aonidiella citrina (Homoptera)

CANAVALIA:

Haplothrips gowdeyi (Thysanoptera)
Lampides boeticus (Lepidoptera)
Maruca testulalis (Lepidoptera)
Taeniothrips hawaiiensis (Thysanoptera)

CAPSICUM:

Arvelius albopunctatus (Hemiptera)
Dysdercus mimulus (Hemiptera)
Gnorimoschema gudmannella (Lepidoptera)
Lineodes triangularis (Lepidoptera)
Liriomyza pusilla (Diptera)
Platynota rostrana (Lepidoptera)
Platynota stultana (Lepidoptera)

CARICA:

Ceratitis capitata (Diptera)
Dacus dorsalis (Diptera)

CASSIA:

Caryedon fuscus (Coleoptera)

CASTANEA:

Hemimene juliana (Lepidoptera)
Laspeyresia splendana (Lepidoptera)

CATASETUM:

Asterolecanium epidendri (Homoptera)
Ferrisia virgata (Homoptera)

CATTLEYA:

Asterolecanium epidendri (Homoptera)
Calligrapha elegantula (Coleoptera)
Chrysomphalus tenax (Homoptera)
Coccus pseudohesperidum (Homoptera)
Eurytoma orchidearum (Hymenoptera)
Furcaspis biformis (Homoptera)
Mordellistena catleyana (Coleoptera)
Pseudischynaspis alienus (Homoptera)
Pseudoparlatoria ostreata (Homoptera)
Tenthoris bicolor (Hemiptera)
Tenthoris confusus (Hemiptera)
Tenthoris exilis (Hemiptera)
Tenthoris venezuelensis (Hemiptera)
Vinsonia stellifera (Homoptera)

CEDRUS:

Gastrodes pacificus (Hemiptera)
Physothrinus distigma cephalicus (Coleoptera)

CEIBA:

Platypus rugulosus (Coleoptera)

CERATONIA:

Myelois ceratoniae (Lepidoptera)
Myelois notatalis (Lepidoptera)

CERCIDIUM:

Phelomerus germani (Coleoptera)

CHAENOMELIS:

Ceroplastes japonicus (Homoptera)
Ceroplastes rubens (Homoptera)

CHLOROPHORA:

Termes hispaniolae (Isoptera)

CHRYSANTHEMUM:

Anuraphis helichrysi (Homoptera)
Camirus conicus (Hemiptera)
Ligyrocotis aurivilliana (Hemiptera)
Loxostege similalis (Lepidoptera)
Lygus oblineatus (Hemiptera)
Prodenia eridania (Lepidoptera)
Psila rosae (Diptera)
Zabrotes subfasciatus (Coleoptera)

CHRYSOPHYLLUM:

Anastrepha serpentina (Diptera)

CICER:

Callosobruchus analis (Coleoptera)
Callosobruchus chinensis (Coleoptera)
Callosobruchus maculatus (Coleoptera)

CICORIUM:

Phytomyza atricornis (Diptera)
Thrips angusticeps (Thysanoptera)

CIRRHOPELALUM:

Pinnaspis buzi (Homoptera)

CISTUS:

Bruchidius biguttatus fulvipennis (Coleoptera)

CITRUS AURANTIFOLIA:

Aleurocanthus woglumi (Homoptera)
Anastrepha ludens (Diptera)
Aonidiella comperi (Homoptera)
Aspidiotus excisus (Homoptera)

CITRUS AURANTIFOLIA—Continued

Aspidiotus palmarum (Homoptera)
Chrysomphalus personatus (Homoptera)
Coccus viridis (Homoptera)
Leucaspis cockerelli (Homoptera)
Morganella longispina (Homoptera)
Parlatoria cinerea (Homoptera)
Parlatoria citri (Homoptera)
Parlatoria zizyphi (Homoptera)
Tetraneura mori (Homoptera)

CITRUS AURANTIIUM:

Anastrepha ludens (Diptera)

CITRUS GRANDIS:

Parlatoria cinerea (Homoptera)
Parlatoria zizyphi (Homoptera)

CITRUS LIMON:

Ceratitis capitata (?) (Diptera)
Morganella longispina (Homoptera)
Parlatoria zizyphi (Homoptera)
Pseudonidius trilobiformis (Homoptera)

CITRUS PARADISI:

Anastrepha fraterculus (Diptera)
Anastrepha ludens (Diptera)
Anastrepha serpentina (Diptera)
Aonidiella citrina (Homoptera)
Ceratitis capitata (Diptera)
Leucaspis cockerelli (Homoptera)
Parlatoria cinerea (Homoptera)
Parlatoria zizyphi (Homoptera)
Unaspis citri (Homoptera)

CITRUS RETICULATA:

Anastrepha ludens (Diptera)
Aonidiella inornata (Homoptera)
Ceratitis capitata (Diptera)
Parlatoria zizyphi (Homoptera)
Unaspis citri (Homoptera)
Unaspis yanonensis (Homoptera)

CITRUS SINENSIS:

Aleurocanthus woglumi (Homoptera)
Anastrepha fraterculus (Diptera)
Anastrepha ludens (Diptera)
Anastrepha serpentina (Diptera)
Anastrepha suspensa (Diptera)
Aspidiotus palmarum (Homoptera)
Ceratitis capitata (Diptera)
Chrysomphalus personatus (Homoptera)
Cryptoblabes gnidiella (Lepidoptera)
Gymnandrosoma aurantianum (Lepidoptera)
Leucaspis cockerelli (Homoptera)
Morganella longispina (Homoptera)
Myelois ceratoniae (Lepidoptera)
Parlatoria cinerea (Homoptera)
Parlatoria zizyphi (Homoptera)
Tetraneura mori (Homoptera)
Unaspis citri (Homoptera)

CITRUS TANKAN:

Coccus viridis (Homoptera)

CITRUS SP.:

Dialeurodes citri (Homoptera)
Tetraneura mori (Homoptera)

COCOS:

Achatina fulica (Mollusca)
Aonidiella inornata (Homoptera)
Aspidiotus coryphae (Homoptera)
Aspidiotus destructor (Homoptera)
Aspidiotus spinosus (Homoptera)
Chrysomphalus albopictus (Homoptera)
Chrysomphalus personatus (Homoptera)
Dacus dorsalis (Diptera)
Diocalandra tailensis (Coleoptera)
Ereunetis flavistriata (Lepidoptera)
Ferrisia virgata (Homoptera)
"Lepidosaphes" esakii (Homoptera)
Lepidosaphes tubulorum (?) (Homoptera)
Leucaspis cockerelli (Homoptera)
Phenacaspis sandwicensis (?) (Homoptera)
Pseudococcus palmarum (Homoptera)
Sinoxylon conigerum (Coleoptera)

CODIAEUM:

Ferrisia virgata (Homoptera)
Lepidosaphes tokionis (Homoptera)
Parlatoria crotonis (Homoptera)

COELOGYNE:

Lepidosaphes tuberculata (Homoptera)
Monomorium destructor (Hymenoptera)

COFFEA:

Ceratitis capitata (Diptera)
Dacus dorsalis (Diptera)

COFFEA—Continued

Stephanoderes hampei (Coleoptera)

COLCHICUM:

Forficula auricularia (Dermaptera)

COLEUS:

Phenacoccus gossypii (Homoptera)

CONVOLVULUS:

Spermophagus cardui (Coleoptera)

CORDIA:

Algarobius ceratioborus (Coleoptera)

Aonidiella citrina (Homoptera)

CORDYLINE:

Callosobruchus chinensis (Coleoptera)

CORYLUS:

Pyrausta nubilalis (Lepidoptera)

CORYPHANTHA:

Gerstaeckeria mutillaris (Coleoptera)

CRASSULA:

"Chionaspis" indigoferae (Homoptera)

CRATAEGUS:

Ceroplastes ceriferus (Homoptera)

Grapholitha packardii (Lepidoptera)

Rhagoletis pomonella (Diptera)

CROCUS:

Anuraphis tulipae (Homoptera)

Forficula auricularia (Dermaptera)

UCUMIS:

Dacus curvibitae (Diptera)

Diaphania hyalinata (Lepidoptera)

Diaphania nitidalis (Lepidoptera)

UCURBITA:

Dacus cucurbitae (Diptera)

Diaphania hyalinata (Lepidoptera)

Diaphania nitidalis (Lepidoptera)

CUPRESSUS:

Anomala rufocuprea viridigena (Coleoptera)

Aspidiotus pseudomeyeri (Homoptera)

Lepidosaphes pallida (Homoptera)

Ptochoryctis tsugensis (?) (Lepidoptera)

CYATHEACEAE:

Poecilips persicae (Coleoptera)

CYBISTAX:

Brentus anchorago (Coleoptera)

CYCNOCHES:

Tenthoris distinctus (Hemiptera)

Vinsonia stellifera (Homoptera)

CYDONIA:

Anastrepha ludens (Diptera)

Ceratitis capitata (Diptera)

Parlatoria chinensis (Homoptera)

CYMBIDIUM:

Forficula auricularia (Dermaptera)

Lepidosaphes tuberculata (Homoptera)

Monomorium destructor (Hymenoptera)

Pseudonidia curculiginis (Homoptera)

CYMOPOGON:

"Targionia" sacchari (Homoptera)

CYNARA:

Apion carduorum (Coleoptera)

Gortyna flavago (Lepidoptera)

CYPRIPEDIUM:

Coccus capparidis (Homoptera)

CYTISUS:

Bruchidius lividimanus (Coleoptera)

Sparticus rillosus (Coleoptera)

DAHLIA:

Iridomyrmex humilis (Hymenoptera)

DANTHONIA:

Chirothrips manicatus (Thysanoptera)

DAUCUS:

Phalonia zephyrana (Lepidoptera)

Psila rosae (Diptera)

DENDROBIUM:

Asterolecanium epidendri (Homoptera)

Lepidosaphes tuberculata (Homoptera)

Leucaspis cockerelli (Homoptera)

Monomorium destructor (Hymenoptera)

Morganella longispina (Homoptera)

Pinnaaspis buxi (Homoptera)

Xylosandrus morigerus (Coleoptera)

DERIS:

Xylopsocus capucinus (Coleoptera)

DIANTHUS:

Haplothrips cotti (Thysanoptera)

Haplothrips goudyei (Thysanoptera)

Iridomyrmex humilis (Hymenoptera)

Pachybrachius luridus (Hemiptera)

Taeniothrips atratus (Thysanoptera)

DIANTHUS—Continued

Taeniothrips dianthi (Thysanoptera)

Taeniothrips hawaiiensis (Thysanoptera)

Taeniothrips simplex (Thysanoptera)

Thrips flacus (Thysanoptera)

Thrips trehernei (Thysanoptera)

DIOSCOREA:

Iridomyrmex humilis (Hymenoptera)

"Targionia" hartii (Homoptera)

DIOSPYROS:

Aspidiotus spinosus (Homoptera)

Ceratitis capitata (Diptera)

Dacus dorsalis (Diptera)

Lepidosaphes conchiformis (Homoptera)

DOLICHOS:

Callosobruchus chinensis (Coleoptera)

Callosobruchus phaseoli (Coleoptera)

ECHEVERIA:

Eumysia stigmella (Lepidoptera)

ELETTARIA:

Ferrisiana virgata (Homoptera)

EPIDENDRUM:

Ferrisiana virgata (Homoptera)

Furcaspis biformis (Homoptera)

Mordellistena cattleyana (Coleoptera)

Tenthoris testis (Hemiptera)

ERICA:

Aeolothrips brevicornis (Thysanoptera)

Homothrips distinctus (Thysanoptera)

ERIOBOTRYA:

Ceratitis capitata (Diptera)

ERIOCEPHALUS:

Parozyna sororcula (Diptera)

ERYTHRINA:

Specularius impressithorax (Coleoptera)

EUGENIA:

Protopulvinaria longicastrata (Homoptera)

FICUS:

Ceratitis capitata (Diptera)

Ceroplastes ruscii (Homoptera)

Dacus dorsalis (?) (Diptera)

Gynaikothrips ficorum (Thysanoptera)

Lepidosaphes ficus (Homoptera)

Pulvinaria psidii (Homoptera)

FRAGARIA:

Barypeithes araneiformis (Coleoptera)

FRAXINUS:

Lesperisus frazini (Coleoptera)

GARCINIA:

Dacus dorsalis (Diptera)

GARDENIA:

Aleuroparadozus gardeniae (Homoptera)

Amorbia emigratella (Lepidoptera)

Chrysomphalus scutiformis (Homoptera)

Coccus viridis (Homoptera)

Dialeurodes citri (Homoptera)

Eucalymnatus tessellatus (Homoptera)

Ferrisiana virgata (Homoptera)

Protopulvinaria longicastrata (Homoptera)

Protopulvinaria pyriformis (Homoptera)

Taeniothrips hawaiiensis (Thysanoptera)

GLADIOLUS:

Plesiommata mollicella (Homoptera)

Taeniothrips simplex (Thysanoptera)

GLOTTIPHYLUM:

Parlatoria pittospori (Homoptera)

GLYCINE:

Callosobruchus chinensis (Coleoptera)

GOSSYPIUM:

Pectinophora gossypiella (Lepidoptera)

GUAJACUM:

Neoclytus cacticus (Coleoptera)

GYPSOPHILA:

Liriomyza pusilla (Diptera)

HAWORTHIA:

"Chionaspis" ezalibida (Homoptera)

Parlatoria pittospori (Homoptera)

HEDERA:

Tetraleurodes hederæ (Homoptera)

HELICONIA:

Dacus dorsalis (Diptera)

HEURNIA:

Asterolecanium stentæ (Homoptera)

"Chionaspis" indigoferæ (Homoptera)

HIBISCUS:

Adoretus sinicus (Coleoptera)

Callosobruchus maculatus (Coleoptera)

Crocidosema plebeiana (Lepidoptera)

HIBISCUS—Continued

Monomorium destructor (Hymenoptera)
Parlatoria fluggeae (Homoptera)
Pealius hibisci (Homoptera)
Pectinophora gossypiella (Lepidoptera)
Pseudaonidia tessarata (Homoptera)

HORDEUM:

Nysius simulans (Hemiptera)

HYDRANGEA:

Forficula auricularia (Dermaptera)

ILEX:

Lygus elisus (Hemiptera)

IPOMOEA:

Adoretus sinicus (Coleoptera)
Alcidodes dentipes (Coleoptera)
Araecerus vieillardii (Coleoptera)
Cylas femoralis (Coleoptera)
Cylas formicarius (Coleoptera)
Cylas formicarius elegantulus (Coleoptera)
Cylas puncticollis (Coleoptera)
Euscepes postfasciatus (Coleoptera)
Graptostethus serius (Hemiptera)
Megacerus contaminatus (Coleoptera)

IRIS:

Anuraphis tulipae (Homoptera)
Forficula auricularia (Dermaptera)
Ripersiella palestinae (Homoptera)

IXORA:

Pseudaonidia trilobitiformis (Homoptera)
Vinsonia stellifera (Homoptera)

JASMINUM:

Aonidiella inornata (Homoptera)
Asterolecanium pustulans (Homoptera)
Coccus viridis (Homoptera)
Dialeurodes kirkaldyi (Homoptera)
Trialeurodes vaporariorum (Homoptera)

JUGLANS:

Rhagoletis juglandis (?) (Diptera)

JUNIPERUS:

Cryptoparlatoria leucaspis (Homoptera)
Kaloterms bequaerti (Isoptera)
Lepidosaphes pallida (Homoptera)

KERRIA:

Allantus cinctus (Hymenoptera)

LABURNUM:

Spartee villosus (Coleoptera)

LAELIA:

Aspidiotus spinosus (Homoptera)
Asterolecanium epidendri (Homoptera)
Chrysomphalus nigropunctatus (Homoptera)
Conchaspis angracii (Homoptera)
Diorymerellus laevimargo (Coleoptera)
Ferrisiana virgata (Homoptera)
Glyphonyx praecox (Coleoptera)
Icerya similis (Homoptera)
Mordellistena catleyana (Coleoptera)
Ogdocosta biannularis (Coleoptera)
Pseudischaspis alienus (Homoptera)
Puto mexicanus (?) (Homoptera)
Tenthecoris angustimarginatus (Hemiptera)
Tenthecoris confusus (Hemiptera)

LATHYRUS:

Bruchus affinis (Coleoptera)
Bruchus tristiculus (Coleoptera)
Bruchus tristis (Coleoptera)
Callosobruchus chinensis (Coleoptera)
Callosobruchus maculatus (Coleoptera)
Taeniothrips atratus (Thysanoptera)

LAURUS:

Trialeurodes lauri (Homoptera)

LEERSIA:

Chilo simplex (?) (Lepidoptera)

LENS:

Bruchus ervi (Coleoptera)
Bruchus lentis (Coleoptera)
Bruchus signaticornis (Coleoptera)

LEUCADENDRON:

"Chionaspis" leucadendri (Homoptera)
Pseudococcus trichiae (Homoptera)

LEUCAENA:

Pantomorus godmani (Coleoptera)

LIBIDIBIA:

Mimosestes dominicanus (Coleoptera)

LILIUM:

Brachyrhinus meridionalis (Coleoptera)
Liothrips vaneckei (Thysanoptera)
Prodenia eridania (Lepidoptera)
Sitona humeralis (Coleoptera)

LIMONIUM:

Haplothrips gowdeyi (Thysanoptera)

LITCHI:

Dacus dorsalis (Diptera)

LONCHOCARPUS:

Dinoderus biforceolatus (Coleoptera)

LONICERA:

Protopulvinaria pyriformis (Homoptera)

LYCASTE:

Aspidiotus palmarum (Homoptera)
Ferrisiana virgata (Homoptera)

LYCOPERSICON:

Aphanus umbrosus (Hemiptera)
Arvelius albopunctatus (Hemiptera)
Ceratitis capitata (Diptera)
Dacus cucurbitae (Diptera)
Dacus dorsalis (Diptera)
Dysdercus mimulus (Hemiptera)
Eucalandra setulosa (Coleoptera)
Euzesta annonae (Diptera)
Erpichioamera oblonga (Hemiptera)
Jadera sanguinolenta (Hemiptera)
Ligyrocoris abdominalis (Hemiptera)
Ligyrocoris aurivilliana (Hemiptera)
Lineodes integra (Lepidoptera)
Liriomyza pusilla (Diptera)
Lygaeus vittiatus (Hemiptera)
Myodocha longicollis (Hemiptera)
Neoleucinodes elegantalis (Lepidoptera)
Pachyzancla perisialis (Lepidoptera)
Platynota rostrana (Lepidoptera)
Platynota stultana (Lepidoptera)
Prodenia eridania (Lepidoptera)
Zabrotes subfasciatus (Coleoptera)

LYCORIS:

Taeniothrips gracilis (Thysanoptera)

MACADAMIA:

Clerada apicornis (Hemiptera)

MAGNOLIA:

Allantus cinctus (Hymenoptera)

MALUS:

Anastrepha ludens (Diptera)
Argyresthia conjugella (Lepidoptera)
Argyrotaenia franciscana (?) (Lepidoptera)
Ceratitis capitata (Diptera)
Ceroplastes ceriferus (Homoptera)
Chrysosclista atra (Lepidoptera)
Epidiaspis piricola (Homoptera)
Grapholitha molesta (Lepidoptera)
Parlatoria oleae (Homoptera)
Rhagoletis pomonella (Diptera)

MAMMEA:

Anastrepha ludens (Diptera)
Anastrepha serpentina (Diptera)
Aspidiotus destructor (Homoptera)

MAMMILLARIA:

Ferrisiana virgata (Homoptera)
Gerstaeckeria mutillaria (Coleoptera)
Sireonotus luteiceps (Hemiptera)

MANGIFERA:

Anastrepha fraterculus (Diptera)
Anastrepha ludens (Diptera)
Anastrepha mombinpraeoptans (Diptera)
Ceratitis capitata (Diptera)
Cryptorhynchus mangiferae (Coleoptera)
Dacus dorsalis (Diptera)

MESEMBRYANTHEMUM:

Haplothrips gowdeyi (Thysanoptera)

MESPILUS:

Ceratitis capitata (Diptera)
Parlatoria oleae (Homoptera)

MONSTERA:

Chrysomphalus tenax (Homoptera)
Ferrisiana virgata (Homoptera)

MUSA:

Aonidiella inornata (Homoptera)
Aspidiotus destructor (Homoptera)
Aspidiotus palmarum (Homoptera)
Aspidiotus spinosus (Homoptera)
Chrysomphalus albopictus (Homoptera)
Chrysomphalus scutiformis (Homoptera)
Chrysomphalus umboniferus (Homoptera)
Cosmopolites sordidus (Coleoptera)
Dacus dorsalis (Diptera)
Furcaspis oceanica (Homoptera)
Lygaeus pulchellus (Hemiptera)
Metamasius sericeus (Coleoptera)
Nasutitermes corniger (Isoptera)

MUSA—Continued

Pachycoris torridus (Hemiptera)
Platycarenum humilis (Hemiptera)
Platycarenum notulatus (Hemiptera)
Sibine stimulea (Lepidoptera)
Stephanoderes lecontei (Coleoptera)

MUSCARI:

Ezrosoma lusitanica (Coleoptera)

MYRISTICA:

Stephanoderes buscki (Coleoptera)

MYRTUS:

Aleurothrixus myrtacei (?) (Homoptera)

NARCISSUS:

Porficula auricularia (Dermaptera)
Lampetia equestris (Diptera)
Sitona lineata (Coleoptera)

NERIUM:

Asterolecanium pustulans (Homoptera)
Tetraleurodes mori (Homoptera)

OCHROMA:

Mimosestes dominicanus (Coleoptera)

OCHROSIA:

Dacus ochrosiae (?) (Diptera)

ODONTOGLOSSUM:

Furcaspis biformis (Homoptera)
Megapenthes cinnamomus (Coleoptera)
Tenthecoris vestitus (Hemiptera)

OLEA:

Dacus oleae (Diptera)
Parlatoria oleae (Homoptera)
Prays oleellus (?) (Lepidoptera)

ONCIDIUM:

Asterolecanium epidendri (Homoptera)
Chrysomphalus umboniferus (Homoptera)
Furcaspis biformis (Homoptera)
Ligyrocoris abdominalis (Hemiptera)
Neocattarus vegetus (Hemiptera)
Tenthecoris vestitus (Hemiptera)
Vinsonia stellifera (Homoptera)

ONOBRYCHIS:

Eurytoma onobrychidis (Hymenoptera)

OPUNTIA:

Ceratitis capitata (Diptera)
Leucocera quinquepunctata (Coleoptera)

ORCHID:

Acroleucus ricinialis (Hemiptera)
Adelocera longicornis (Coleoptera)
Agonosoma trilineata (Hemiptera)
Aleuroglandulus emmae (Homoptera)
Amphicerus cornutus (Coleoptera)
Anthonomus albolineatus (Coleoptera)
Anthonomus incanus (Coleoptera)
Asterolecanium epidendri (Homoptera)
Attelabus corvinus (Coleoptera)
Calligrapha argus (Coleoptera)
Camirus conicus (Hemiptera)
Chrysomphalus umboniferus (Homoptera)
Cligenes delineata (Hemiptera)
Coelosternus conspuratus (Coleoptera)
Conchaspis angraci (Homoptera)
Crophius scabrosus (Hemiptera)
Cryphula apicatus (Hemiptera)
Deloysa guttata (Coleoptera)
Diorymellus laevimargo (Coleoptera)
Eurytoma orchidearum (Hymenoptera)
Eurtornus congener (Coleoptera)
Erptochiomera oblonga (Hemiptera)
Erptochiomera tumens (Hemiptera)
Ferrisiana virgata (Homoptera)
Fulcius anthoroides (Hemiptera)
Furcaspis biformis (Homoptera)
Lepidosaphes tuberculata (Homoptera)
Leucocera seypunctatus (Coleoptera)
Lygaeus circumlinatus (Hemiptera)
Lygaeus circumplicatus (Hemiptera)
Lygaeus vitticinctus (Hemiptera)
Madarus distigma (Coleoptera)
Mecolaemus carvalhoi (Hemiptera)
Monomorium destructor (Hymenoptera)
Mordellistena cattleyana (Coleoptera)
Mordellistena rufonotata (Coleoptera)
Nasutitermes nigriceps (Isoptera)
Nysius basalis (Hemiptera)
Oedionychis lateralis (Coleoptera)
Oedionychis transversalis (Coleoptera)
Oosternum costatum (Coleoptera)
Orchidophilus peregrinator (Coleoptera)
Parlatoria pseudaspidiotus (Homoptera)

ORCHID—Continued

Phatnoma annulipes (Hemiptera)
Physanota humilis (Coleoptera)
Plagiodera thymaloidea (Coleoptera)
Tenthecoris angustimarginatus (Hemiptera)
Tenthecoris bicolor (Hemiptera)
Tenthecoris confusus (Hemiptera)
Tenthecoris distinctus (Hemiptera)
Tenthecoris distinguendus (Hemiptera)
Tenthecoris venezuelensis (Hemiptera)
Trochuda raspa (Lepidoptera)
Vallistia diversus (Hemiptera)
Vinsonia stellifera (Homoptera)
Zale sabana (Lepidoptera)

ORNITHOGALUM:

Haplothrips nigricornis (Thysanoptera)
Taeniothrips simplex (Thysanoptera)
Trionymus lounsburyi (Homoptera)

ORYZA:

Chilo simplex (Lepidoptera)

PAEONIA:

Athous niger (Coleoptera)

PALM:

Aleuroplatus coccolus (Homoptera)
Aspidiotus destructor (Homoptera)
Parlatoria pittospori (Homoptera)

PASSIFLORA:

Ceratitis capitata (Diptera)
Iridomyrmex humilis (Hymenoptera)

PASTINACA:

Psila rosae (Diptera)

PENNISETUM:

Targionia sacchari (Homoptera)

PENTZIA:

Trupanea pentziana (Diptera)

PERISTERIA:

Conchaspis angraci (Homoptera)
Ferrisiana virgata (Homoptera)

PERSEA:

Anastrepha ludens (Diptera)
Caulophilus latinasus (Coleoptera)
Chrysomphalus albopictus (Homoptera)
Chrysomphalus personatus (Homoptera)
Conotrachelus aguacatae (Coleoptera)
Conotrachelus perseae (Coleoptera)
Cryptorhynchus mangiferae (Coleoptera)
Dacus dorsalis (Diptera)
Stenomoma catenifer (Lepidoptera)
Thamnopthorus schwarzi (Coleoptera)

PETROSELINUM:

Systole geniculata (Hymenoptera)

PHALAEOPSIS:

Ferrisiana virgata (Homoptera)
Iridomyrmex humilis (Hymenoptera)

PHASEOLUS:

Callosobruchus analis (Coleoptera)
Callosobruchus chinensis (Coleoptera)
Callosobruchus maculatus (Coleoptera)
Dacus cucurbitae (?) (Diptera)
Epinotia opposita (Lepidoptera)
Fundella pellucens (Lepidoptera)
Hercotrips phaseoli (Thysanoptera)
Maruca testulalis (Lepidoptera)
Zabrotes fasciatus (Coleoptera)

PHILODENDRON:

Aspidiotus diffinis (Homoptera)
Aspidiotus palmarum (Homoptera)
Chrysomphalus albopictus (Homoptera)
Chrysomphalus tenax (Homoptera)
Lepidosaphes carinata (Homoptera)
Pinnaspis buxi (Homoptera)
Pseudischaspis alienus (Homoptera)

PHLOX:

Agallia quadripunctata (Homoptera)
Thrips flaeus (Thysanoptera)

PHOENIX:

Coccotrypes dactyliperda (Coleoptera)
Myeloides ceratoniae (Lepidoptera)

PHYSALIS:

Gnorimoschema laernella (Lepidoptera)
Rhagoletis striatella (Diptera)

PHYTELEPHAS:

Coccotrypes dactyliperda (Coleoptera)

PICEA:

Callidium violaceum (Coleoptera)
Hylurgops palliatus (Coleoptera)
Ips typographus (Coleoptera)
Pityogenes chalcographus (Coleoptera)

PICEA—Continued

Pogonocherus fusciculatus (Coleoptera)

PIMPINELLA:

Pantomorus godmani (Coleoptera)

PINUS:

Acanthocinus aedilis (Coleoptera)
Blastophagus piniperda (Coleoptera)
Callidium violaceum (Coleoptera)
Hylurgops palliatus (Coleoptera)
Ips sexdentatus (Coleoptera)
Ips typographus (Coleoptera)
Kaloterms bequaerti (Isoptera)
Lema melanopa (Coleoptera)
Leucaspis candida (Homoptera)
Pityogenes bidentatus (Coleoptera)
Pityogenes chalcographus (Coleoptera)
"Poliaspis" pini (Homoptera)
Pseudococcus pini (Homoptera)
Prochorystis tsugensis (?) (Lepidoptera)

PISTACIA:

Lepidosaphes pistaciae (Homoptera)

PISUM:

Bruchus emarginatus (Coleoptera)
Callosobruchus chinensis (Coleoptera)
Callosobruchus maculatus (Coleoptera)
Laspeyresia nigricana (Lepidoptera)
Neodryocoetes guianae (Coleoptera)

PITTOSPORUM:

Pulvinaria psidii (Homoptera)

PLUMERIA:

Aspidiotus herculeanus (Homoptera)
Asterolecanium pustulans (Homoptera)
Haplothrips gowdeyi (Thysanoptera)
Pseudanidia clavigera (Homoptera)

POINCIANA:

Stephanoderes lecontei (Coleoptera)

POLIANTHES:

Frankliniella bratleyi (Thysanoptera)

POPULUS:

Dryophthorus corticalis (Coleoptera)

PORTULACA:

Celerio lineata (Lepidoptera)
Dicrepidius corvinus (Coleoptera)
Loxostege bifidialis (Lepidoptera)
Loxostege similalis (Lepidoptera)

PRIMULA:

Phragmatobia fuliginosa (Lepidoptera)

PROSOPIS:

Algarobius ceratioborus (Coleoptera)
Algarobius prosopis (Coleoptera)
Rhipibruchus leiboldi (Coleoptera)
Rhipibruchus picturatus (Coleoptera)

PROTEA:

Ananca hottentota (Coleoptera)
Antestia variegata (Hemiptera)
Antestia variegata lineaticollis (Hemiptera)
Homothrips distinctus (Thysanoptera)
Iridomyrmex humilis (Hymenoptera)

PRUNUS ARMENIACA:

Ceratitis capitata (Diptera)
Nilotaspis halli (Homoptera)
Parlatoria oleae (Homoptera)

PRUNUS DOMESTICA:

Ceratitis capitata (Diptera)
Chionaspis asiatica (Homoptera)
Epidiaspis piricola (Homoptera)
Iridomyrmex humilis (Hymenoptera)
Megalometis chilensis (Coleoptera)
Nilotaspis halli (Homoptera)
Parlatoria oleae (Homoptera)

PRUNUS PADUS:

Anthonomus rectirostris (Coleoptera)

PRUNUS PERSICA:

Anastrepha ludens (Diptera)
Ceratitis capitata (Diptera)
Grapholitha molesta (Lepidoptera)
Nilotaspis halli (Homoptera)
Parlatoria oleae (Homoptera)

PRUNUS PERSICA NECTARINA:

Iridomyrmex humilis (Hymenoptera)
Megalometis chilensis (Coleoptera)
Nysius simulans (Hemiptera)

PRUNUS MUME (?):

Parlatoria theae (Homoptera)

PRUNUS SP. (cherry):

Leucaspis archangeliskya (Homoptera)
Mineola indigenella (Lepidoptera)
Rhagoletis cerasi (Diptera)

PSIDIUM:

Anastrepha mombinpraeoptans (Diptera)
Anastrepha suspensa (Diptera)
Ceratitis capitata (Diptera)
Coccus viridis (Homoptera)
Dacus dorsalis (Diptera)
Tetraleurodes mori (Homoptera)

PUERARIA:

Callosobruchus ademptus (Coleoptera)

PUNICA:

Anastrepha ludens (Diptera)
Ceratitis capitata (Diptera)
Chionaspis asiatica (Homoptera)
Cryptoblabes gnidiella (Lepidoptera)
Forficula auricularia (Dermaptera)

PYRUS:

Anastrepha ludens (Diptera)
Ceratitis capitata (Diptera)
Epidiaspis piricola (Homoptera)
Grapholitha molesta (Lepidoptera)
Lepidosaphes conchiformis (Homoptera)
Leucaspis archangeliskya (Homoptera)
Monomorium destructor (Hymenoptera)
Parlatoria oleae (Homoptera)
Phyllotreta cruciferae (Coleoptera)

QUERCUS:

Andricus glandium (Hymenoptera)
Callirhytis sonoreae (Hymenoptera)
Conotrachelus integer (Coleoptera)
Curculio q-griseae (Coleoptera)
Parlatoria oleae (Homoptera)
Scolytus intricatus (Coleoptera)

RAPHANUS:

Baris coerulescens (Coleoptera)
Cyrtopeltis varians (Hemiptera)
Lixus ascanii (Coleoptera)

RENANTHERA:

Vinsonia stellifera (Homoptera)

RHODODENDRON:

Ceroplastes japonicus (Homoptera)
Dalopius marginatus (Coleoptera)
Dialeurodes chittendeni (Homoptera)
Gracilaria azaleella (Lepidoptera)
Pachybrachius turidus (Hemiptera)
Sitona lineata (Coleoptera)
Stephanitis pyrioides (Hemiptera)
Vesiculaphis caricis (Homoptera)

RIBES:

Brachyrhinus sulcatus (Coleoptera)

RORIPPA:

Evergestia rimosalis (Lepidoptera)

ROSA:

Chaetocnema concinna (Coleoptera)
Cryptoccephalus krugii (Coleoptera)
Frankliniella insularis (Thysanoptera)
Lema opulenta (Coleoptera)
Parlatoria theae (Homoptera)
Rhagoletis alternata (Diptera)
Sitona humeralis (Coleoptera)
Taeniothrips atratus (Thysanoptera)
Thrips flavus (Thysanoptera)
Tetraleurodes vaporariorum (Homoptera)

ROSMARINUS:

Chrysomela americana (Coleoptera)

RUDBECKIA:

Thrips flavus (Thysanoptera)
Thrips fuscipennis (Thysanoptera)

SABAL:

Coccotrypes dactyliperda (Coleoptera)

SACCHARUM:

Diatraea saccharalis (Lepidoptera)
Rhabdoscelus obscurus (Coleoptera)
Stephanoderes lecontei (Coleoptera)
"Targionia" sacchari (Homoptera)
Tomaspis postica (Homoptera)

SALIX:

Aglossa cuprealis (Lepidoptera)
Lepidosaphes kuwacola (Homoptera)
Lepidosaphes yanagicola (Homoptera)
Pityophthorus sambuci (Coleoptera)

SAMBUCUS:

Micrapate labialis (Coleoptera)

SAPOTE:

Anastrepha ludens (Diptera)
Anastrepha serpentina (Diptera)

SCHIFFLERIA:

Dactylotrypes uytenboogaarti (Coleoptera)

SECHIUM:

Diaphania nitidalis (Lepidoptera)

SELAGINELLA:

Lema confusa (Coleoptera)

SERJANIA:

Dinoderus bifoveolatus (Coleoptera)

SESBANIA:

Acanthoscelides griseolus (Coleoptera)

SOIL:

Athous haemorrhoidalis (Coleoptera)

Athous subfuscus (Coleoptera)

Athous vittatus (Coleoptera)

Barynotus moerens (Coleoptera)

Bibio johannis (Diptera)

Brachyrhinus sulcatus (Coleoptera)

Cephalocteus scarabaeoides (Hemiptera)

Dalopius marginatus (Coleoptera)

Deraeocoris lutescens (Hemiptera)

Forficula auricularia (Dermaptera)

Gastrophysa viridula (Coleoptera)

Hydrothassa marginella (Coleoptera)

Iridomyrmex humilis (Hymenoptera)

Mecinus pyrauster (Coleoptera)

Paracardiophorus pauper (Coleoptera)

Saldula saltatoria (Hemiptera)

Scolopostethus affinis (Hemiptera)

Trapezonotus arenarius (Hemiptera)

SOLANUM ACULEATISSIMUM:

Dacus dorsalis (Diptera)

SOLANUM MELONGENA:

Heteroderes laurentii (Coleoptera)

Neoleucinodes elegantalis (Lepidoptera)

Pheidole megacephala (Hymenoptera)

Trichobaris mucorea (Coleoptera)

SOLANUM TUBEROSUM:

Epicaerus cognatus (Coleoptera)

Gnorimoschema plaesiosema (Lepidoptera)

Premnotrypes fractirostris (Coleoptera)

Premnotrypes solani (Coleoptera)

Premnotrypes torax (Coleoptera)

SORGHUM:

Diatraea saccharalis (Lepidoptera)

Iridomyrmex humilis (Hymenoptera)

Pyrausta nubilalis (Lepidoptera)

Sesamia cretica (Lepidoptera)

Sesamia vutera (Lepidoptera)

SPARTIUM:

Sparticus villosus (Coleoptera)

SPATHOGLOTTIS:

Ferrissiana virgata (Homoptera)

SPHAGNUM:

Chaetocnema hortensis (Coleoptera)

SPONDIAS:

Anastrepha mombinpraepotans (Diptera)

Dacus dorsalis (Diptera)

STAPELIA:

"Chionaspis" indigoferae (Homoptera)

STERNBERGIA:

Rhipsiella palestinae (Homoptera)

STRELITZIA:

Adoretus sinicus (Coleoptera)

Ferrissiana virgata (Homoptera)

Phenacaspis sandwicensis (Homoptera)

SYRINGA:

Dialeurodes kirkaldyi (Homoptera)

SYZYGIUM:

Pulvinaria psidii (Homoptera)

TAGETES:

Haplothrips gowdeyi (Thysanoptera)

TAMARINDUS:

Caryedon fuscus (Coleoptera)

Chrysomphalus scutiformis (Homoptera)

TERMINALIA:

Dacus dorsalis (Diptera)

TETRAGONIA:

Piezodorus purus (Hemiptera)

TILIA:

Ernoporus tiliae (Coleoptera)

Iridomyrmex humilis (Hymenoptera)

Oryzaenus lavaterae (Hemiptera)

TILLANDSIA:

Quichuana calathea (Diptera)

Tychius inermis (Coleoptera)

TRIPTERIS:

Ensina hyalipennis (Diptera)

Ensina ignobilis (Diptera)

TRITICUM:

Aglossa cuprealis (Lepidoptera)

TULIPA:

Anuraphis tulipae (Homoptera)

Forficula auricularia (Dermaptera)

Rhopalosiphoninus tulipae (Homoptera)

ULMUS:

Lygus oblineatus (Hemiptera)

Pteleobius vittatus (Coleoptera)

VANDA:

Athesapeuta cyperi (Coleoptera)

Eutreta zanthochaeta (Diptera)

Heteroglymma alata (Coleoptera)

Leucaspis cockerelli (Homoptera)

Monomorium destructor (Hymenoptera)

Parlatoria pseudaspidotus (Homoptera)

Taeniothrips gracilis (Thysanoptera)

Thrips hawaiiensis (Thysanoptera)

VANILLA:

Protopulvinaria pyriformis (Homoptera)

VICIA:

Aoromius quinquepunctatus (Coleoptera)

Apion pomonae (Coleoptera)

Bruchidius incarnatus (Coleoptera)

Bruchidius quinqueguttatus (Coleoptera)

Bruchus affinis (Coleoptera)

Bruchus atomarius (Coleoptera)

Bruchus dentipes (Coleoptera)

Bruchus ervi (Coleoptera)

Bruchus guttalis (Coleoptera)

Bruchus hamatus (Coleoptera)

Bruchus luteicornis (Coleoptera)

Bruchus rufipes (Coleoptera)

Bruchus tristictus (Coleoptera)

Bruchus tristis (Coleoptera)

Bruchus ulicis (Coleoptera)

Callosobruchus chinensis (Coleoptera)

VIGNA:

Acanthoscelides obreptus (Coleoptera)

Callosobruchus chinensis (Coleoptera)

Callosobruchus maculatus (Coleoptera)

VITIS:

Anastrepha fraterculus (?) (Diptera)

Aphanus saturnius (Hemiptera)

Ceratitis capitata (Diptera)

Cryptoblabes gnidiella (Lepidoptera)

Iridomyrmex humilis (Hymenoptera)

Leptoglossus chilensis (Hemiptera)

Phlyctinus callosus (Coleoptera)

Polycyon chilensis (Coleoptera)

Polychrosis botrana (Lepidoptera)

Pulvinaria innumerabilis (Homoptera)

Sitona humeralis (Coleoptera)

Targionia vitis (Homoptera)

WEIGELA:

Allantus cinctus (Hymenoptera)

ZANTEDESCHIA(?):

Ceroplastes rubens (Homoptera)

ZEA:

Celerio lineata (Lepidoptera)

Diatraea saccharalis (Lepidoptera)

Euzesta stigmatias (Diptera)

Lygus oblineatus (Hemiptera)

Moodna bisinuella (Lepidoptera)

Prostephanus truncatus (Coleoptera)

Pyrausta nubilalis (Lepidoptera)

ZINGIBER:

Amorbia emigratella (Lepidoptera)

Dacus dorsalis (Diptera)

ZINNIA:

Diaprepes famelicus (Coleoptera)

Prodenia ornithogalli (Lepidoptera)

Hosts unknown

AIRPLANE:

Adoretus sinicus (Coleoptera)

Aeolus pulchellus (Coleoptera)

Araecerus ciliatardi (Coleoptera)

Chaetoclasta bakeri (Diptera)

Dacus dorsalis (Diptera)

Diaprepes abbreviatus (Coleoptera)

Jadera sanguinolenta (Coleoptera)

Malacorhinus tripunctatus (Coleoptera)

Melanoxanthus melanocephalus (Coleoptera)

Nystus dallasi (Hemiptera)

Tomoplagia obliqua (Diptera)

Zabrotes subfasciatus (Coleoptera)

BAGGAGE:
Adoretus sinicus (Coleoptera)
Forficula auricularia (Dermaptera)

BARK:
Hylurgops palliatus (Coleoptera)
Ips typographus (Coleoptera)
Pityogenes chalcographus (Coleoptera)
Pityophthorus sambuci (Coleoptera)

BEAN:
Bruchus tristis (Coleoptera)
Callosobruchus chinensis (Coleoptera)
Callosobruchus maculatus (Coleoptera)
Zabrotes subfasciatus (Coleoptera)

CLOTH:
Forficula auricularia (Dermaptera)

COTYLEDON:
"Chionaspis" indigoferae (Homoptera)

EXCELSIOR:
Forficula auricularia (Dermaptera)

FLOWER:
Amorbia emigratella (Lepidoptera)
Pantomorus godmani (Coleoptera)
Sizeonotus luteiceps (Hemiptera)
Taeniothrips hawaiiensis (Thysanoptera)

GRAIN:
Bruchus affinis (Coleoptera)
Callosobruchus chinensis (Coleoptera)

GRAMINEAE:
Targionia sacchari (Homoptera)

"GRAMME":
Callosobruchus chinensis (Coleoptera)

GRASS & WEED ROOT IN SOIL:
Brachyrhinus singularis (Coleoptera)

HAY:
Nymphalis urticae (Lepidoptera)

HERB:
Diaphania hyalinata (Lepidoptera)
Iridomyrmex humilis (Hymenoptera)
Trialeurodes vaporariorum (Homoptera)

LEAF:
Iridomyrmex humilis (Hymenoptera)
Tetraleurodes mori (Homoptera)
Trioxa anceps (Homoptera)

LEGUME:
Acanthoscelides spinipes (Coleoptera)
Bruchus rufipes (Coleoptera)
Bruchus tristis (Coleoptera)
Callosobruchus chinensis (Coleoptera)
Callosobruchus maculatus (Coleoptera)
Sinozylon seudentatum (Coleoptera)

LOG:
Coelosternus consputus (Coleoptera)
Draeculacephala clypeata (Homoptera)
Nasutitermes corniger (Isoptera)
Physorhynchus stigma (Coleoptera)
Platypus rugulosus (Coleoptera)
Xyleborus affinis (Coleoptera)

PACKING:
Fulvius albomaculatus (Hemiptera)

PARCEL POST:
Orydema longulum (Coleoptera)

PLANT:
Artipus floridanus (Coleoptera)
Aspidiotus destructor (Homoptera)
Aspidiotus excisus (Homoptera)
Coccus viridis (Homoptera)
Forficula auricularia (Dermaptera)
Pachyzancla bipunctalis (Lepidoptera)
Sizeonotus luteiceps (Hemiptera)

RAILWAY CAR:
Pectinophora gossypiella (Lepidoptera)

RETURNED WAR EQUIPMENT:
Achatina fulica (Mollusca)

SEED:
Callosobruchus chinensis (Coleoptera)
Coccotrypes pygmaeus (Coleoptera)

SEED POD:
Ferrisia virgata (Homoptera)
Stephanoderes lecontei (Coleoptera)

SHRUB:
"Chionaspis" indigoferae (Homoptera)

SOD:
Ctenicera aeneus (Coleoptera)

SUCCULENT:
"Chionaspis" exalbida (Homoptera)

UNKNOWN:
Myllocerus hilleri (Coleoptera)

VEGETABLES:
Lygus oblineatus (Hemiptera)

VINE:
Exillis longicornis (Coleoptera)

WOOD:
Acanthocinus aedilis (Coleoptera)
Amphicerus cornutus (Coleoptera)
Blastophagus piniperda (Coleoptera)
Callidium violaceum (Coleoptera)
Cryptotermes brevis (Isoptera)
Dinoderus brevis (Coleoptera)
Dysides obscurus (Coleoptera)
Forficula auricularia (Dermaptera)
Heterobostrychus aequalis (Coleoptera)
Ips sexdentatus (Coleoptera)
Micrapate labialis (Coleoptera)
Nasutitermes corniger (Isoptera)
Nasutitermes luzonicus (Isoptera)
Orthotomicus laricis (Coleoptera)
Pityogenes chalcographus (Coleoptera)
Renocis mexicanus (Coleoptera)
Sinozylon anale (Coleoptera)
Sinozylon conigerum (Coleoptera)
Sinozylon seudentatum (Coleoptera)
Xylothrips flavipes (Coleoptera)

WOODS MOSS:
Acalypta parva (Hemiptera)
Acalypta parvula (Hemiptera)
Agallia quadripunctata (Homoptera)
Agalliopsis novella (Homoptera)
Cassida nebulosa (Coleoptera)
Catoplatus fabricii (Hemiptera)
Conchaspis angracii (Homoptera)
Dalopius marginatus (Coleoptera)
Drymus sylvaticus (Hemiptera)
Hypera nigrirostris (Coleoptera)
Newsteadia floccosa (Homoptera)
Platythrips tunicatus (Thysanoptera)
Strophosoma melanogramma (Coleoptera)
Trapezonotus arenarius (Hemiptera)

Countries of origin and insects

AFGHANISTAN:
Chionaspis asiatica
Leucaspis archangeluskyae
Parlatoria oleae

ALGERIA:
Ceratitidis capitata
Lepidosaphes ficus
Parlatoria zizyphus
Psila rosae
Sinozylon seudentatum

AMERICAN SAMOA:
Rhabdoscelus obscurus

AMERICAN VIRGIN ISLANDS:
Cylas formicarius elegantulus
Euscepes postfasciatus
Pectinophora gossypiella
"Targionia" hartii

ARGENTINA:
Algarobius ceratioborus
Anastrepha fraterculus (?)
Ceratitidis capitata
Diaphania nitidalis
Diatraea saccharalis
Grapholitha molesta
Lygus fraudulentus
Phelomerus germaini
Pseudonidia trilobitiformis
Rhipibruchus leiboldi
Rhipibruchus picturatus
Unaspis citri
Zabrotes subfasciatus

AUSTRALIA:
Aonidiella citrina
Araecerus niellardi
Doratifera oxleyi
Lepidosaphes tuberculata
Parlatoria zizyphus
Pinnaspis buxi
Xylosandrus morigerus

AUSTRIA:
Anthonomus rectirostris
Rhagoletis alternata (?)
Sparteus villosus

AZORES:

Aglossa cuprealis
Brachyrhinus sulcatus
Ceratitis capitata
Dacus oleae
Iridomyrmex humilis
Pantomorus godmani

BAHAMAS:

Ancylostoma stercorea
Artipus floridanus
Asterolecanium pustulans
Coccus viridis
Ferrisia virgata
Lepidosaphes tokionis
Monomorium destructor

BARBADOS:

Callosobruchus maculatus
"Targionia" hartii

BATAVIA:

Parlatoria pseudaspidotus

BELGIUM:

Anuraphis tulipae
Bruchus luteicornis
Ctenicera aeneus
Dolopius marginatus
Lepidosaphes tuberculata
Phytomyza atricornis
Pityogenes chalcographus
Psila rosae

BERMUDA:

Anastrepha mombinpraeoptans
Anuraphis tulipae
Diaprepes famelicus
Kaloterms bequaerti
Prodenia eridania
Protopulvinaria pyrifomis
Pulvinaria psidii

BINTAN ISLAND:

Ferrisia virgata

BRAZIL:

Acanthoscelides armitagei
Aleurothrips myrtacei (?)
Anastrepha fraterculus
Asterolecanium epidendri
Ceratitis capitata
Chrysomphalus personatus
Coccotrypes pygmaeus
Diabrotica speciosa
Diaphania nitidalis
Dinoderus bifoveolatus
Dysides obscurus
Epinotia opposita
Eurytoma orchidearum
Euscepes postfasciatus
Furcaspis biformis
Gymnandrosoma aurantianum
Maruca testulalis
Mecolaemus carvalhoi
Mordellistena cattleyana
Morganella longispina
Neoleucinodes elegantalis
Pachyzancla periusalis
Parlatoria cinerea
Pectinophora gossypiella
Pseudaonidia trilobitiformis
Stenoma catenifer
Stephanoderes hampei
Tenthoris bicolor
Unaspis citri

BRITISH COLUMBIA:

Dialeurodes chittendeni
Thrips trehernei

BRITISH GUIANA:

Asterolecanium bambusae
Callosobruchus chinensis
Furcaspis biformis
Neodryocetes guianae

BRITISH HONDURAS:

Myelois notatalis

BRITISH WEST INDIES:

Callosobruchus chinensis
Lepidosaphes tokionis
Parlatoria cinerea
Stenoma catenifer
Stephanoderes busck
Targionia hartii

CANADA:

Agallia quadripunctata
Agallioptis novella
Gastrodes pacificus
Lygus elisus
Lygus oblineatus
Pyrausta nubilalis

CANAL ZONE:

Acanthoscelides armitagei
Agonosoma tritineata
Aspidiotus destructor
Asterolecanium epidendri
Callosobruchus maculatus
Chrysomphalus umboniferus
Conchaspis angraei
Ferrisia virgata
Furcaspis biformis
Mimosestes dominicanus
Neocattarus vegetus
Physorhinus distigma cephalicus
Protopulvinaria longivalvata
Protopulvinaria pyrifomis
Pseudaonidia trilobitiformis
Pseudischinaspis acephala
Tenthoris distincta
Vinsonia stellifera

CAPE OF GOOD HOPE:

Taeniothrips simplex

CAPE VERDE ISLANDS:

Ceratitis capitata

CEYLON:

Heterobostrychus aequalis
Sinoxylon conigerum
Xylothrips flaripes

CHILE:

Algarobius ceratioborus
Anastrepha fraterculus (?)
Dinoderus bifoveolatus
Epidiaspis piricola
Iridomyrmex humilis
Leptoglossus chilensis
Megalometis chiliensis
Nysius simulans
Polycraon chilensis

CHINA:

Aspidiotus degeneratus
Callosobruchus chinensis
Chilo simplex
Coccus viridis
Coptosoma cribraria
Dialeurodes citri
Dialeurodes kirkaldyi
Lepidosaphes tuberculata
Liothrips raneceki
Parlatoria camelliae
Parlatoria zizyphus
Taeniothrips gracilis
"Targionia" hartii
Xylopsocus capucinus

COLOMBIA:

Aspidiotus diffinis
Clerada apicornis
Diaphania nitidalis
Eurytoma orchidearum
Euscepes postfasciatus
Furcaspis biformis
Mimosestes dominicanus
Monomorium destructor
Mordellistena cattleyana
Stenoma catenifer
Tenthoris exiosus
Termes hispaniolae

COSTA RICA:

Anastrepha ludens
Anastrepha mombinpraeoptans
Aspidiotus destructor
Aspidiotus palmae
Asterolecanium epidendri
Calligrapha elegantula
Chrysomphalus albopictus
Chrysomphalus nigropunctatus
Chrysomphalus personatus
Chrysomphalus scutiformis
Chrysomphalus umboniferus
Conotrachelus perseae
Draeculacephala clypeata
Ferrisia virgata
Furcaspis biformis

COSTA RICA—Continued

Lygaeus vittiscutis
Metamasius sericeus
Nasutitermes corniger
Ozophora consanguineus
Parlatoria cinerea
Physorhynchus distigma
Pinnaspis buzi
Platycarenum humilis
Platypus rugulosus
Pseudoschnaspis alienus
Pseudoparlatoria ostreata
Sibine stimulea
Tenthecoris distinguendus
Xyleborus affinis

CUBA:

Aleurotrachelus trachoides
Anastrepha mombinpraeoptans
Anastrepha suspensa
Aspidiotus destructor
Coccus viridis
Conchaspis angraeci
Crociosema plebeiana
Cylas formicarius elegantulus
Diaphania hyalinata
Diaphania nitidalis
Hellula phidilealis
Heterothrips phaseoli
Heteroderes laurentii
Leucocera seripunctatus
Maruca testulalis
Pheidole megacephala
Platynota rostrana
Protopulvinaria pyriformis
Psila rosae
Pulvinaria psidii
Ribua innoxia
Taeniothrips simplex
"Targionia" bromilae
Zabrotes subfasciatus

CYPRUS:

Ceratitis capitata

CZECHOSLOVAKIA:

Aspidiotus abietis
Hylurgops palliatus
Ips typographus

DENMARK:

Chaetocnema hortensis
Gelechia ericetella
Lema melanopa
Psila rosae
Thrips flavus
Thrips fuscipennis

DOMINICAN REPUBLIC:

Anastrepha fraterculus
Anastrepha mombinpraeoptans
Ancylostoma stercora
Cryptoccephalus krugii
Cylas formicarius elegantulus
Diaphania nitidalis
Frankliniella insularis
Maruca testulalis

ECUADOR:

Metamasius sericeus
Premnotrypes vorax
Stenomoma calenifer

EGYPT:

Bruchidius incarnatus
Callosobruchus maculatus
Ceratitis capitata
Cryptoblabes gnidiella
Haplothrips cottei
Lixus junci
Pectinophora gossypiella

ENGLAND:

Anuraphis helichrysi
Anuraphis tulipae
Athous haemorrhoidalis
Barynotus moerens
Dalopius marginatus
Euleia heraclei
Evergestis forficalis
Forficula auricularia
Gastrophysa viridula
Laspeyresia splendana
Leperisinus frazini
Lepidosaphes tuberculata
Megasternum boletophagum

ENGLAND—Continued

Newsteadia floccosa
Phragmatobia fuliginosa
Platylthrips tunicatus
Polia oleracea
Psila rosae
Pteleobius vittatus
Scolopostethus affinis
Scolytus intricatus
Thrips flavus
Thrips nigropilosus
Trialeurodes vaporariorum
Zabrotes subfasciatus

EUROPE:

Haplothrips cottei

FIJI ISLANDS:

Cylas formicarius var.
Euscapes postfasciatus

FINLAND:

Callidium violaceum
Pityogenes chalcographus

FORMOSA:

Parlatoria cinerea
Parlatoria zizyphi

FRANCE:

Acalypta parva
Acalypta parvula
Acrolepis assectella
Anuraphis tulipae
Aoromius quinquepunctatus
Apion carduorum
Apion pomonae
Athous subfuscus
Athous vittatus
Baris ocerulescens
Bibio johannis
Brachyrhinus meridionalis
Bruchus affinis
Bruchus guttalis
Bruchus luteicornis
Bruchus rufipes
Catoplatys fabricii
Ceratitis capitata
Dactylotrypes uytenboogaarti
Deraecoris lutescens
Epidiaspis piricola
Ernoporos tiliae
Grapholitha molesta
Iridomyrmex humilis
Laspeyresia splendana
Lixus ascanii
Mamestra brassicae
Myzus ascalonicus
Newsteadia floccosa
Phyllotreta cruciferae
Polychrosis botrana
Psila rosae
Pulvinaria innummerabilis
Pyrausta nubilalis
Rhagoletis cerasi
Sesamia cretica
Tetraleurodes hederæ
Thrips angusticeps
Trapezonotus arenarius

GERMANY:

Blastophagus piniperda
Callidium violaceum
Cassida nebulosa
Chaetocnema concinna
Hylurgops palliatus
Hypera nigrostris
Ips typographus
Laspeyresia splendana
Leucaspis candida
Pityogenes bidentatus
Pityogenes chalcographus
Rhagoletis cerasi
Strophosoma melanogramma
Thrips flavus
Trapezonotus arenarius

GREECE:

Aspidiotus spinosus
Callosobruchus maculatus
Ceratitis capitata
Cryptoblabes gnidiella
Haplothrips cottei
Parlatoria oleae

GUAM:

Achatina fulica
Dacus ochrosiae (?)
Ferrisiana virgata
"Lepidosaphes" *esakii*
Lepidosaphes tubulorum (?)
Targionia sacchari

GUATEMALA:

Acanthoscelides armitagei
Anastrepha ludens
Anastrepha mombinpraeoptans
Anastrepha serpentina
Aspidiotus destructor
Chrysomphalus albopictus
Chrysomphalus tenax
Cligenes delineata
Coccus pseudohesperidum
Conotrachelus perseae
Euzesta stigmatias
Ferrisiana virgata
Furcaspis bififormis
Ligyrocotis abdominalis
Lygaeus vittiscutis
Megapenthes cinnamomus
Pachycoris torridus
Pseudischnaspis alienus
Stenoma catenifer
Stephanoderes lecontei
Taeniothrips simplex
Tenthercoris vestitus
Zabrotes subfasciatus

HAITI:

Anastrepha mombinpraeoptans
Frankliniella insularis
Leucocera quinquepunctata
Monomorium destructor
Pectinophora gossypiella

HAWAII:

Adoretus sinicus
Algarobius prosopis
Amorbia emigratella
Aonidiella inornata
Araecerus vicillardi
Aspidiotus herculeanus
Aspidiotus spinosus
Asterolecanium pustulans
Athesapeuta cyperi
Callosobruchus chinensis
Callosobruchus phaseoli
Caryedon fuscus
Ceratitidis capitata
Ceroplastes rubens
Clerada apicornis
Coccus viridis
Cryptorhynchus mangiferae
Cryptotermes brevis
Cylas formicarius var.
Dacus cucurbitae
Dacus dorsalis
Dialeurodes kirkaldyi
Diocalandra taiitensis
Freunetis flavistriata
Eucalymnatus tessellatus
Euscepes postfasciatus
Eutreta zanthochaeta
Ferrisiana virgata
Furcaspis bififormis
Graptostethus servus
Haplothrips gowdeyi
Lampides boeticus
Lepidosaphes tokionis
Leucaspis cockerelli
Maruca testulalis
Nysius dallasi
Orchidophilus peregrinator
Oxydema longulum
Pantomorus godmani
Parlatoria crotonis
Parlatoria fluggeae
Parlatoria pseudaspidotus
Pealius hibisci
Pectinophora gossypiella
Phenacaspis sandwicensis
Pinnaspis buxi
Poecilips persicae
Pseudomida clavigera
Pseudomida tessellata
Pseudococcus palmarum

HAWAII—Continued

Sinozylon conigerum
Taeniothrips hawaiiensis
"Targionia" *bromitiae*
Thrips hawaiiensis

HONDURAS:

Anastrepha ludens
Anastrepha mombinpraeoptans
Aspidiotus destructor
Brentus anchorago
Conotrachelus perseae
Cosmopolites sordidus
Cryptotermes brevis
Lygaeus vittiscutis
Metamasius sericeus
Mordellistena catleyana
Nasutitermes corniger
Prodenia eridania
Pseudischnaspis alienus
Stenoma catenifer
Tenthercoris confusus
Zabrotes subfasciatus

HUNGARY:

Ips typographus
Pityogenes chalcographus
Pyrausta nubilalis

INDIA:

Amphicerus cornutus
Bruchus affinis
Bruchus emarginatus
Callosobruchus analis
Callosobruchus chinensis
Callosobruchus maculatus
Callosobruchus phaseoli
Caryedon fuscus
Coccotrypes decyltiperda
Coccus capparidis
Cryptorhynchus mangiferae
Cylas formicarius
Cylas formicarius var.
Dacus dorsalis
Dinoderus brevis
Eutornus congener
Heterobostrychus aequalis
Lepidosaphes tuberculata
Monomorium destructor
Parlatoria pseudaspidotus
Pectinophora gossypiella
Pinnaspis buxi
Sinozylon anale
Sinozylon conigerum
Systole geniculata
Taeniothrips gracilis
Zabrotes subfasciatus

IRAQ:

Cylas formicarius var.
Myelois ceratoniae

IRELAND:

Barypeithes araneiformis
Drymus sylvaticus
Forficula auricularia
Hydrothassa marginella
Mamestra brassicae
Mecinus pyrastrer
Psila rosae
Saldula saltatoria

ISRAEL:

Nilotaspis halli

ITALY:

Acanthoscelides spinipes
Acrolepia assectella
Aphanus saturnius
Apion carduorum
Brachycerus albidentatus
Brachycerus alpinus
Bruchidius lividimanus
Bruchus erri
Bruchus lentis
Bruchus luteicornis
Bruchus signaticornis
Bruchus tristis
Callosobruchus chinensis
Callosobruchus maculatus
Ceratitidis capitata
Ceroplastes ruscii
Chrysomela americana
Cryptoblabes gnidiella

ITALY—Continued

Dacus oleae
Dryophthorus corticalis
Epidiopsis piricola
Eurydema ornatum
Evergestis forficulis
Forficula auricularia
Grapholitha molesta
Hemimene juliana
Iridomyrmex humilis
Laspeyresia splendana
Lepidosaphes ficus
Myelois ceratoniae
Oryzocarenum lavaterae
Parlatoria oleae
Parlatoria zizyphi
Pectinophora gossypiella
Phalonia zephyrana
Polychrosis botrana
Psila rosae
Pyrausta nubilalis
Rhagoletis cerasi
Sesamia cretica
Sitona humeralis
Sparteus villosus
Targionia vitis
Trialeurodes lauri

JAMAICA:

Anastrepha mombinpraeoptans
Aspidiotus destructor
Asterolecanium epidendri
Callosobruchus chinensis
Callosobruchus maculatus
Callosobruchus phaseoli
Genopaschia protomis
Leucaspis cockerelli
Pachyzancla perialis
Pectinophora gossypiella
 "Targionia" sacchari
Vinsonia stellifera

JAPAN:

Aleurotrachelus camelliae
Anomala rufocuprea viridiaenea
Aspidiotus pseudomeyeri
Callosobruchus ademptus
Callosobruchus chinensis
Ceroplastes ceriferus
Ceroplastes japonicus
Ceroplastes rubens
Chilo simplex
Cryptoparlatoria leucaspis
Gracilaria azaleella
Lepidosaphes conchiformis
Lepidosaphes kuwacola
Lepidosaphes pallida
Lepidosaphes yanagicola
Mineola indigenella
Myllocerus hilleri
Paracardiophorus pauper
Parlatoria camelliae
Parlatoria chinensis
Parlatoria pseudaspidotus
Parlatoria theae
Parlatoria zizyphi
 "Poliaspis" pini
Pseudococcus pini
Ptochoryctis tsugensis (?)
Stephanitis pyroides
Unaspis yanomensis
Vesiculaphis caricis

KENYA:

Specularius impressithorax

KOREA:

Pseudococcus pini

LEBANON:

Bruchidius incarnatus
Bruchus dentipes
Bruchus erui
Ceratitidis capitata
Cryptoblabes gnidiella
Dacus oleae
Monomorium destructor
Prays oleellus (?)

MADEIRA ISLANDS:

Bruchus guttalis
Ceratitidis capitata
Cryptoblabes gnidiella
Forficula auricularia

MADEIRA ISLANDS—Continued

Iridomyrmex humilis

MEXICO:

Acanthoscelides griseolus
Acanthoscelides obrepus
Acroleucus vicinalis
Acrosticta mexicana
Adelocera longicornis
Aleurocanthus voglumi
Aleuroglanulus emmae
Aleuroparadozus gardeniae
Aleuroplatus coccolus
Algarobius prosopis
Alpheias conspirata
Amorbia emigratella
Amphicerus cornutus
Anastrepha fraterculus
Anastrepha ludens
Anastrepha mombinpraeoptans
Anastrepha serpentina
Anthonomus abolineatus
Anthonomus incanus
Aonidiella citrina
Aphanus umbrus
Argyrotaenia franciscana (?)
Arvelius albopunctatus
Aspidiotus destructor
Aspidiotus diffinis
Aspidiotus palmarum
Aspidiotus spinosus
Asterolecanium bambusae
Asterolecanium epidendri
Attelabus corvinus
Calligrapha argus
Callirhytis sonoreae
Callosobruchus maculatus
Camirus conicus
Caulophilus latinasus
Celerio lineata
Chalcodermus dentiferus
Chelymophora biannularis
Chrysomphalus albopictus
Chrysomphalus nigropunctatus
Chrysomphalus personatus
Chrysomphalus scutiformis
Chrysomphalus umboniferus
Coelosternus consputus
Conchaspis angraci
Conotrachelus aguacatae
Conotrachelus integer
Conotrachelus perseae
Crophius scabrosus
Cryphula apicalis
Curculio q-griseae
Cylas formicarius elegantulus
Cyrtopeltis varians
Deloia guttata
Dendrobella sericans
Dialeurodes citri
Diaphania hyalinata
Diaphania nitidalis
Diatraea saccharalis
Dicrepidius corvinus
Diorymerellus laevimargo
Dysdercus mimulus
Epicaerus cognatus
Epilachna varivestis
Epinotia opposita
Eucalandra setulosa
Eucalymnatus tessellatus
Eumysia stigmella
Euzesta annonae
Evergestis rimosalis
Exptochiomera oblonga
Exptochiomera tumens
Ferrisia virgata
Fulvius anthocorides
Gerstaeckeria mutilaria
Glyphonyx praecox
Glyphonyx quadricollis
Gnorimoschema gudmannella
Gnorimoschema lavernella
Grapholitha molesta
Grapholitha packardii
Gynaikothrips ficorum
Horistonotus dilaticornis
Horistonotus rufiventris
Hypophilus pectoralis

MEXICO—Continued

Icerya palmeri
Jadera sanguinolenta
Lema confusa
Lema opulenta
Lepidosaphes carinata
Lepidosaphes philococcus
Lepidosaphes tokionis
Leptophobia aripa
Ligyrocotis abdominalis
Ligyrocotis aurivilliana
Ligyrocotis litiginosus
Lineodes integra
Liriomyza pusilla
Lozostege bifidialis
Lozostege similalis
Lygaeus circumlinitus
Lygaeus circumplicatus
Lygaeus consanguinitus
Lygaeus pulchellus
Lygaeus vittiscutis
Lygus oblineatus
Madarus distigma
Malacorhinus tripunctatus
Megacerus contaminatus
Micrapate labialis
Mimorista flavidissimalis
Monanthia monotropidia
Moodna bisinuella
Mordellistena cattleyana
Mordellistena rufonotata
Myodocha longicollis
Neoleucinodes elegantalis
Nysius basalis
Oedionychis lateralis
Oedionychis transversalis
Ogdocosta biannularis
Oosternum costatum
Parlatoria cinerea
Parlatoria pittospori
Pectinophora gossypiella
Phatnoma annulipes
Phenacoccus gossypii
Physonota humilis
Physoerhinus distigma
Pityophthorus sambuci
Plagioderma thymaloidea
Platycaenus notulatus
Platynota rostrana
Platynota stultana
Platypus rugulosus
Plesiommatia mollicella
Prodenia eridania
Prodenia ornithogalli
Prosthephanus truncatus
Pseudischchnaspis alienus
Pseudodiaspis yuccae
Puto mexicanus (?)
Quichuana calathea
Renocis mexicanus
Rhagoletis juglandis (?)
Rhagoletis pomonella
Rhagoletis striatella
Rhinoncus pyrrhopus
Sisamnes contractus
Sizeonotus tuteiceps
Stenoma catenifer
Stephanoderes lecontei
Systole geniculata
Taeniothrips simplex
Talponia batesi
Tanymericus confusus
"Targionia" bromiliae
Tenthecoris angustimarginatus
Tenthecoris confusus
Tenthecoris distinctus
Tetraleurodes mori
Tetrapriocera longicornis
Thamnochthorus schwarzi
Tomaspis postica
Tomoplagia obliqua
Tetraleurodes vaporariorum
Trichobaris mucorea
Trioza anceps
Trochuda raspa
Tychius inermis
Unaspis citri
Valtissus diversus

MEXICO—Continued

Xylomeira torquata
Zabrotes subfasciatus
Zale sabena
MOROCCO:
Cephalocteus scarabaeoides
Ceratitis capitata
Erosoma lusitanica
Sesamia vutera
MOZAMBIQUE:
Cylas puncticollis
NETHERLANDS:
Acanthocinus aedilis
Acrolepis assectella
Allantus cinctus
Anuraphis tulipae
Athous niger
Blastophagus piniperda
Brachyrhinus sulcatus
Bruchus tristis
Evergestis forficatus
Forficula auricularia
Gracilaria azaleella
Ips sexdentatus
Ips typographus
Lamptetia equestris
Lepidosaphes tuberculata
Mamestra brassicae
Nymphalis urticae
Orthotomicus laticis
Pachybrachius luridus
Pityogenes bidentatus
Pityogenes chalcographus
Psila rosae
Rhopalosiphoninus tulipae
Sitona lineata
Taeniothrips simplex
Zabrotes subfasciatus
NETHERLANDS GUIANA:
Furcaspis biformis
Gnorimoschema gudmannella
Maruca testulalis
NETHERLANDS WEST INDIES:
Anastrepha serpentina (?)
NEW ZEALAND:
Morganella longispina
Taeniothrips simplex
NICARAGUA:
Aspidiotus palmarum
Aspidiotus spinosus
Chaetoclausia bakeri
Neoclytus caccius
Platypus rugulosus
Stenoma catenifer
NIGERIA:
Callosobruchus maculatus
Leucaspis cockerelli
NORWAY:
Anuraphis helichrysi
Argyresthia confugella
Callidium violaceum
Callosobruchus maculatus
Mamestra brassicae
Psila rosae
Thrips flavus
PAKISTAN:
Pectinophora gossypiella
PALESTINE:
Ceratitis capitata
Ceroplastes ruscii
Frankliniella brattleyi
Lepidosaphes ficus
Ripsterella palestinae
PANAMA:
Acanthoscelides armitagei
Anastrepha mombinpraeoptans
Anastrepha serpentina
Ancylostoma stercoraria
Coccotrypes dactyliperda
Coccus viridis
Hellula phidilealis
Leucaspis cockerelli
Parlatoria cinerea
Stenoma anonella
Stenoma catenifer
Unaspis citri
PERU:
Anastrepha fraterculus (?)

PERU—Continued

Epinotia opposita
Gnorimoschema plaesiosema
Premnotypes fractirostris
Premnotypes solani
Stenoma catenifer
Taeniothrips simplex

PHILIPPINES:

Achatina fulica
Aonidiella citrina
Aonidiella inornata
Aspidiotus coryphae
Aspidiotus excisus
Callosobruchus chinensis
Ezillis longicornis
Ferrisiana virgata
Heteroglymma alata
Iridomyrmex humilis
Lepidosaphes tokionis
Monomorium destructor
Morganella longispina
Nasutitermes buzonius
Parlatoria pseudaspidotus
Parlatoria zizyphus
Pectinophora gossypiella
Pseudonidia curculiginis
Pseudococcus palmarum
Pulvinaria psidii

POLAND:

Blastophagus piniperda

PORTUGAL:

Aglossa cuprealis
Apion pomonae
Bruchus guttalis
Ceratitis capitata
Dacus oleae
Haplothrips cottei
Iridomyrmex humilis
Laspeyresia nigricana
Laspeyresia splendana
Psila rosae
Rhagoletis cerasi
Sesamia vuteria
Zabrotes subfasciatus

PRETORIA:

Chirothrips manicatus
Parozyna sororecula
Piezodorus purus
Trupanea pentziana

PUERTO RICO:

Anastrepha mombinpraeoptans
Anastrepha suspensa
Ancylostomia stercora
Aspidiotus destructor
Asterolecanium pustulans
Callosobruchus chinensis
Coccus viridis
Crociosema plebeiana
Cryptoccephalus nigrocinctus
Cylas formicarius elegantulus
Diaphania hyalinata
Diaphania nitidalis
Diatraea saccharalis
Euscepes postfasciatus
Fundella pelluscens
Haplothrips gowdeyi
Lineodes triangularis
Maruca testulalis
Monomorium destructor
Pachyzancla bipunctalis
Pectinophora gossypiella
Sphenarches caffer
Stenoma catenifer
"Targionia" sacchari
Zabrotes subfasciatus

ST. KITTS:

"Targionia" hartii

SAIPAN:

Achatina fulica

SALVADOR:

Aeolus pulchellus
Algarobius ceratioborus
Anastrepha fraterculus
Anastrepha mombinpraeoptans
Icerya similis
Leucaspis cockerelli
Mimosestes dominicanus
Stenoma anonella

SALVADOR—Continued

Stenoma catenifer

SCOTLAND:

Anuraphis helichrysi
Brachyrhinus singularis
Dalopius marginatus
Forficula auricularia
Micrelus ericae
Taeniothrips atratus
Ulopa reticulata

SIAM:

Cylas formicarius var.
Ferrisiana virgata
Furcaspis biformis
Parlatoria pseudaspidotus

SIERRA LEONE:

Alcidodes dentipes
Cylas femoralis
Cylas puncticollis

SOUTH PACIFIC:

Aonidiella inornata
Melanoranthus melanocephalus

SOUTHWEST AFRICA:

"Chionaspis" exalbidus

SPAIN:

Apion pomonae
Callosobruchus maculatus
Ceratitis capitata
Laspeyresia splendana
Lixus juncei
Parlatoria zizyphus
Rhagoletis cerasi (?)

STRAITS SETTLEMENTS:

Aspidiotus excisus
Dacus cucurbitae
Furcaspis biformis
Morganella longispina
Parlatoria citri
Parlatoria pseudaspidotus
Parlatoria zizyphus
Vinsonia stellifera

SWEDEN:

Callidium violaceum
Chrysoclista atra
Hylurgops palliatus
Ips typographus
Pityogenes chalcographus
Pogonocherus fasciculatus
Psila rosae
Rhagoletis alternata
Taeniothrips atratus

SWITZERLAND:

Bruchus affinis
Bruchus luteicornis
Laspeyresia splendana
Taeniothrips atratus
Thrips fuscipennis

SYRIA:

Bruchus ervi
Ceratitis capitata (?)
Dialeurodes kirkaldyi
Lepidosaphes pistaciae

TINIAN ISLAND:

Achatina fulica

TRANSVAAL:

Asterolecanium stentae
"Chionaspis" exalbidus

TRINIDAD:

Anastrepha fraterculus
Anastrepha mombinpraeoptans
Anastrepha serpentina
Ancylostomia stercora
Aonidiella comperei
Asterolecanium epidendri
Callosobruchus maculatus
Coccotrypes carpophagus
Coccotrypes dactyliperda
Coccus viridis
Dercynus micronyx
Diaphania nitidalis
Eurytoma orchidearum
Euscepes postfasciatus
Furcaspis biformis
Helvula phidilealis
Leucaspis cockerelli
Monomorium destructor
Parlatoria cinerea
Pulvinaria psidii

TRINIDAD—Continued

Targionia sacchari
Unaspis citri
Vinsonia stellifera

TRUK:

Aonidiella inornata
Furcaspis oceanica

TUNISIA:

Coccotrypes dactyliperda
Gortyna flavago

TURKEY:

Andricus glandium
Bruchidius biguttatus fulcipennis
Bruchidius quinquaguttatus
Bruchus atomarius
Bruchus erri
Bruchus hamatus
Bruchus lentis
Bruchus rufipes
Bruchus tristictulus
Bruchus tristis
Bruchus ulicis
Callosobruchus maculatus
Coccotrypes dactyliperda
Cryptoblabes gnidiella
Eurytoma onobrychidis
Nilotaspis halli
Spermophagus cardui
Spintherus leguminum

UNION OF SOUTH AFRICA:

Aeoloides griseus
Aeolothrips brevicornis
Ananca hottentota
Antestia variegata
Antestia variegata lineaticollis
Ceratitis capitata
"Chionaspis" humilis
"Chionaspis" indigoferae
"Chionaspis leucandendi"
Ensisia hyalipennis
Ensisia ignobilis
Haplothrips nigricornis
Homothrips distinctus
Iridomyrmex humilis
Parlatoria ptilospori
Phlyctinus callosus
Pseudococcus trichilae
Trionymus lounsburyi

UNKNOWN:

Bruchus guttalis
Callosobruchus maculatus

UNKNOWN—Continued

Ceratitis capitata
Dacus oleae
Diaprepes abbreviatus
Haplothrips cotti
Listroderes aequirocus
Nasutitermes nigriceps
Rhagoletis cerasi
Rhagoletis pomonella
Taeniothrips dianthi

URUGUAY:

Ceratitis capitata
Nysius simulans
Parlatoria cinerea

VENEZUELA:

Acanthoscelides armigaei
Anastrepha serpentina
Asterolecanium epidendri
Callosobruchus maculatus
Coccus tiridis
Conchaspis angraei
Diaphania nitidalis
Eurytoma orchidearum
Fultrius albomaculatus
Furcaspis bifornis
Leucaspis cockerelli
Maruca testulalis
Mordellistena cattlejana
Prodenia eridania
Protopulvinaria longivalvata
Pseudischaspis alienus
Stenomoma catenifer
Taeniothrips simplex
Tenthercoris venezuelensis
Vinsonia stellifera
Zabrotes subfasciatus

VIRGIN ISLANDS:

Cylas formicarius elegantulus
Euscepes postfasciatus
Pectinophora gossypiella

WALES:

Psila rosae

WEST AFRICA:

Alcidodes dentipes
Cylas femoralis
Cylas puncticollis

WEST INDIES:

"*Targionia*" hartii

YUGOSLAVIA:

Laspeyresia splendana

List of pests (diseases) collected and reported from July 1, 1948, to June 30, 1949, inclusive
 [An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Acrobes ciliatus</i> von Linstow: <i>Aster novae-angliae</i> (New England aster) Soil around azalea plants.....	Germany..... Netherlands.....	----- -----	----- -----	1 1	New York. Alabama.
<i>Alternaria citri</i> Ell. & Pierce: <i>Citrus sinensis</i> (orange).....	Argentina..... Cyprus, Union of South Africa.	----- -----	3 -----	----- -----	New York, Pennsyl- vania.
<i>Alternaria dianthi</i> F. L. Stevens & J. G. Hall: <i>Dianthus</i> sp. (carnation).....	Australia,----- Brazil.	1 -----	----- -----	2 -----	California*, New York.
<i>Alternaria gypsophilae</i> Neerg.: <i>Gypsophila paniculata</i> (babysbreath)	Brazil.....	1	-----	-----	New York.
<i>Alternaria porri</i> (Ell.) Cif.: <i>Allium cepa</i> (onion).....	Mexico..... do.....	3 1	----- -----	----- -----	Texas. Do.
<i>Lycopersicon esculentum</i> (tomato)..... <i>Anguina tritici</i> (Steinbuch) Filip.: <i>Triticum aestivum</i> (wheat).....	Afghanistan..... Iran, Iraq, Turkey.	----- -----	----- -----	9 -----	District of Columbia.
<i>Aphanomyces raphani</i> Kendr.: <i>Raphanus sativus</i> (radish).....	Mexico.....	6	-----	-----	Texas.
<i>Aphelenchus aderholdi</i> Schwartz: <i>Convallaria majalis</i> (lily-of-the-valley)	Denmark,----- Germany.	1 -----	----- -----	2 -----	New York.
<i>Aphelenchus avenae</i> Bastian: <i>Aster novae-angliae</i> (New England aster):	Germany.....	-----	-----	1	Do.
<i>Ascochyta haworthiae</i> Trinch.: <i>Haworthia</i> sp.....	Union of South Africa.	-----	-----	2	California.*
<i>Ascochyta lycopersici</i> Brun.: <i>Physalis irocarpa</i> (tomatillo)..... <i>Physalis</i> sp. (husk tomato).....	Mexico..... do.....	3 1	----- -----	----- -----	Texas. Do.
<i>Ascochyta pisi</i> Lib.: <i>Pisum sativum</i> (pea).....	England..... Mexico, Netherlands, Portugal.	3 -----	3 -----	----- -----	New York, Texas.
<i>Botryosphaeria ribis</i> (Fr.) Gross. & Dugg.: <i>Cocos nucifera</i> (coconut)..... <i>Psidium guajava</i> (guava).....	Guam..... Puerto Rico.....	----- 1	----- -----	1 -----	California.* New York.
<i>Botrytis elliptica</i> (Berk.) Cke.: <i>Allium sativum</i> (garlic)..... <i>Lilium auratum</i> (goldband lily)..... <i>Lilium japonicum</i> (Japanese lily)..... <i>Lilium rubellum</i> (rubellum lily)..... <i>Lilium speciosum</i> (speciosum lily)..... <i>Lilium speciosum rubrum</i> (pink speciosum lily) <i>Lilium tigrinum</i> (tiger lily)..... <i>Lilium</i> sp.....	Peru..... Japan..... do..... do..... do..... do..... do..... do..... China, Japan.	----- ----- ----- ----- ----- ----- ----- 2	1 ----- ----- ----- ----- ----- ----- -----	----- 5 4 5 2 1 4	California.* Do. Do. Do. Do. Do. Do. California*, Massachu- setts, Wash- ington.
<i>Botrytis galanthina</i> (Berk. & Br.) Sacc.: <i>Galanthus</i> sp. (snowdrop).....	Netherlands.....	-----	-----	43	California*, Michigan, New Jersey, New York, Pennsyl- vania.
<i>Botrytis gladiolorum</i> Timmermans: <i>Gladiolus</i> sp.....	England,----- Netherlands.	----- -----	----- -----	8 -----	New Jersey, New York.
<i>Tritonia</i> sp..... <i>Botrytis tulipae</i> (Lib.) Lind: <i>Tulipa</i> sp. (tulip).....	Netherlands..... do.....	----- -----	----- -----	1 2	New York. California*, Oregon.
Camellia yellow-spot virus: <i>Camellia</i> sp.....	France.....	-----	-----	1	California.*
Cancerosis "B": <i>Citrus limon</i> (lemon).....	Argentina.....	-----	6	-----	Maryland, New York, Pennsyl- vania.

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		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Cercospora angreci</i> Roum.: <i>Odontoglossum</i> sp. (orchid).....	Belgium.....	-----	-----	1	New Jersey.
<i>Cercospora canescens</i> Ell. & G. Martin: <i>Phaseolus lunatus macrocarpus</i> (lima bean).....	Puerto Rico.....	1	-----	-----	New York.
<i>Cercospora circumscissa</i> Sacc.: <i>Prunus</i> sp. (cherry).....	Italy.....	-----	1	-----	Do.
<i>Cercospora fourcroyae</i> Obregon-Botero(?): <i>Agave</i> sp.....	Venezuela.....	-----	-----	1	New Jersey.
<i>Cercospora handelii</i> Bub.: <i>Rhododendron</i> sp.....	Belgium.....	-----	-----	1	Do.
<i>Cercospora malayensis</i> F. L. Stevens & Soh.: <i>Hibiscus cannabinus</i> (kenaf hibiscus)	Cuba.....	-----	-----	1	Florida.
<i>Cercospora musae</i> Zimm.: <i>Musa paradisiaca</i> (plantain).....	Mexico.....	1	-----	-----	Texas.
<i>Musa paradisiaca sapientum</i> (banana).....	Canal Zone, Colombia, Costa Rica, Guatemala, Honduras, Mexico, Nicaragua, Panama, Puerto Rico, Salvador.	-----	-----	94	California*, Louisiana, Maryland, New York, Texas.
<i>Cercospora neriella</i> Sacc.: <i>Nerium oleander</i> (oleander).....	Bermuda.....	2	-----	-----	New York.
<i>Cercospora rosicola</i> Pass.: <i>Rosa</i> sp.....	Guatemala, Mexico.	2	-----	1	Louisiana, Texas.
<i>Cerebella andropogonis</i> Ces.: <i>Sorghum vulgare</i> (sorghum).....	Liberia.....	-----	-----	1	District of Columbia.
<i>Chaetomium indicum</i> Cda.: <i>Cymbidium</i> sp. (orchid).....	India.....	-----	-----	1	California.*
<i>Claviceps microcephala</i> (Wallr.) Tul.: <i>Agrostis</i> sp.....	England (?).....	-----	-----	1	Ohio.
<i>Claviceps paspali</i> F. L. Stevens & J. G. Hall: <i>Paspalum</i> sp.....	Turkey.....	-----	-----	1	District of Columbia.
<i>Claviceps purpurea</i> (Fr.) Tul.: <i>Agropyron</i> sp.....	.....do.....	-----	-----	1	Do.
<i>Festuca elatior</i> (meadow fescue).....	New Zealand.....	-----	-----	1	Do.
<i>Coleosporium campanulae</i> (Pers.) Lev.: <i>Campanula persicifolia</i> (peachleaf- bellflower).....	Netherlands.....	-----	-----	1	New Jersey.
<i>Coleosporium domingense</i> (Berk.) Arth.: <i>Plumeria</i> sp.....	Venezuela.....	-----	-----	1	Pennsylvania.
<i>Coleosporium senecionis</i> (Pers.) Fr.: <i>Pinus sylvestris</i> (Scotch pine).....	Denmark.....	-----	-----	2	New Jersey
<i>Pinus</i> sp. (pine).....	.....do.....	-----	-----	1	Do.
<i>Colletotrichum agaves</i> Cav.: <i>Agave</i> sp.....	Mexico.....	-----	-----	2	Texas.
<i>Colletotrichum cajani</i> Rangel: <i>Cajanus cajan</i> (pigeonpea).....	Puerto Rico.....	6	-----	-----	New York.
<i>Colletotrichum graminicolum</i> (Ces.) G. W. Wils.: <i>Brachiaria subquadrifaria</i>	Philippines.....	1	-----	-----	Oregon.
<i>Colletotrichum lagenarium</i> (Pass.) Ell. & Halst.: <i>Citrullus vulgaris</i> (watermelon).....	Brazil.....	-----	1	-----	Louisiana.
<i>Colletotrichum lilii</i> Plakidas: <i>Iris</i> sp.....	Japan.....	-----	-----	1	California.*
Liliaceous leaf.....	Guatemala.....	-----	-----	1	District of Columbia.
<i>Lilium auratum</i> (goldband lily).....	Japan.....	-----	-----	6	California.*
<i>Lilium japonicum</i> (Japanese lily).....	.....do.....	-----	-----	3	Do.
<i>Lilium rubellum</i> (rubellum lily).....	.....do.....	-----	-----	3	Do.
<i>Lilium speciosum</i> (speciosum lily).....	.....do.....	-----	-----	2	Do.
<i>Lilium speciosum punctatum</i> (pinkspot speciosum lily).....	.....do.....	-----	-----	1	Washington.
<i>Lilium speciosum rubrum</i> (pink speciosum lily).....do.....	-----	-----	4	California.*
<i>Lilium tigrinum</i> (tiger lily).....do.....	-----	-----	2	Do.

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<i>Collectotrichum lilii</i> —Continued					
<i>Lilium</i> sp.-----	Canada, China, India.	4		9	California*, Washington
<i>Collectotrichum omnivorum</i> Halst.:					
<i>Aspidistra</i> sp.-----	Belgium-----			2	New Jersey.
<i>Collectotrichum phomoides</i> (Sacc.) Chester:					
<i>Physalis irocarpa</i> (tomatillo)-----	Mexico-----	1			Texas.
<i>Collectotrichum pisi</i> Pat.:					
<i>Pisum sativum</i> (pea)-----	Peru, Mexico.	6	2		Do.
<i>Coniothyrium hellebori</i> Cke. & Mass.:					
<i>Helleborus niger</i> (Christmas-rose)-----	Netherlands-----			4	New Jersey.
<i>Coniothyrium olivaceum</i> Bon.:					
<i>Rhododendron</i> sp.-----	England-----			1	Washington.
<i>Coniothyrium rhododendri</i> P. Henn.:					
<i>Rhododendron</i> sp.-----	Netherlands-----			1	Do.
<i>Coryneum beijerincki</i> Oud.:					
<i>Prunus persica</i> (peach)-----	Belgium, Germany.		2		New York.
<i>Coryneum rhododendri</i> Schw.:					
<i>Rhododendron</i> sp.-----	Netherlands-----			1	Washington.
<i>Cumminsia sanguinea</i> (Pk.) Arth.:					
<i>Mahonia aquifolium</i> -----	France-----	1			New York.
(Oregon hollygrape)					
<i>Mahonia</i> sp.-----	Guatemala-----	1			District of Columbia.
<i>Curvularia lunata</i> (Wakk.) Boed.:					
<i>Allium cepa</i> (onion)-----	Mexico, Sweden.	1	1		Louisiana, Texas.
<i>Capsicum frutescens</i> (pepper)-----	Cuba-----		1		Pennsylvania.
<i>Cytospora ambiens</i> Sacc.:					
<i>Salix</i> sp. (willow)-----	England-----	1			New York.
<i>Cytospora ceratophora</i> Sacc.:					
<i>Castanea</i> sp. (chestnut)-----	Italy-----	1			California.*
<i>Cytospora chrysosperma</i> Pers. ex Fr.:					
<i>Ilex crepitans</i> (sandboxtree)-----	Brazil-----	1			New York.
<i>Salix</i> sp. (willow)-----	Sweden-----		1		Pennsylvania.
<i>Cytospora dahliae</i> Peyl:					
<i>Dahlia</i> sp.-----	France-----			1	California.*
<i>Cytospora punica</i> Sacc.:					
<i>Punica granatum</i> (pomegranate)-----	Mexico-----	1			Texas.
<i>Diaporthe citri</i> Wolf:					
<i>Citrus sinensis</i> (orange)-----	Brazil-----		2		California.*
<i>Citrus</i> sp.-----	Aitutaki Island.		1		Hawaii.
<i>Diplocarpon rosae</i> Wolf:					
<i>Rosa</i> sp.-----	Mexico, Trini- dad.	2	1		Puerto Rico, Texas.
<i>Diplodia paraphysaria</i> Sacc.:					
<i>Laelia</i> sp. (orchid)-----	Mexico-----			1	Texas.
<i>Oncidium cavendishianum</i> (orchid)-----	do-----			1	Do.
<i>Oncidium</i> sp.-----	do-----			1	Do.
<i>Vanda</i> sp. (orchid)-----	India-----			1	Washington.
<i>Diplodia taxi</i> (Sow. ex Fr.) De N.:					
<i>Taxus cuspidata</i> (Japanese yew)-----	Japan-----			1	Do.
<i>Diplodia theobromae</i> (Pat.) Nowell:					
<i>Lecythis zabucajo</i> (monkeypot tree)-----	Jamaica-----			1	California.*
<i>Manihot</i> sp.-----	Honduras-----			1	Do.
<i>Musa paradisiaca</i> (plantain)-----	Cuba-----	1			New York.
<i>Nymphaea</i> sp. (waterlily)-----	do-----	1			Do.
Palm nut.-----	British Guiana-----	1			Do.
<i>Philodendron lacerum</i> -----	Guatemala-----			1	California.*
<i>Diplodina curhododendri</i> Voss:					
<i>Rhododendron</i> sp.-----	Norway-----			1	New York.
<i>Diplodina grossulariae</i> Sacc. & Briand:					
<i>Ribes</i> sp.-----	Denmark, Germany.			2	New Jersey, New York.
<i>Ditylenchus destructor</i> Thorne (?):					
<i>Arachis</i> sp.-----	Uruguay-----			1	District of Columbia.
<i>Ditylenchus dipsaci</i> (Kuhn) Filip.:					
<i>Allium sativum</i> (garlic)-----	Mexico-----	25			Texas.
<i>Narcissus</i> sp.-----	Netherlands-----			1	Michigan.
<i>Ditylenchus</i> sp. (undescribed):					
<i>Colchicum speciosum</i> -----	do-----			1	New Jersey.
<i>Iris histrioides major</i> -----	do-----			1	Do.

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<i>Ditylenchus</i> sp.—Continued					
<i>Iris sindjarensis</i> (Aleppo iris).....	do.....			2	New Jersey.
<i>Iris</i> sp.....	do.....			1	Do.
<i>Elsinoe australis</i> Bitanc. & Jenkins:					
<i>Citrus aurantifolia</i> (sour lime).....	Brazil.....		2		California,*
<i>Citrus limon</i> (lemon).....	Argentina,..... Brazil.	1	21		Massa- chusetts. Alabama, Cal- ifornia*, Louisiana, Maryland, New York, Pennsyl- vania, Texas.
<i>Citrus reticulata</i> (tangerine).....	Argentina.....		1		New York.
<i>Citrus sinensis</i> (orange).....	Argentina,..... Brazil, Uruguay.		22		Alabama, California*, Florida*, Maryland, Massachu- setts, New York, Penn- sylvania, Texas, Virginia.
<i>Elsinoe phaseoli</i> Jenkins:					
<i>Phaseolus lunatus macrocarpus</i> (lima bean)	Cuba, Puerto. Rico.	7			New York.
<i>Elsinoe piri</i> Jenkins:					
<i>Malus sylvestris</i> (apple).....	Poland.....	1			Do.
<i>Eutypella bambusina</i> Penz. & Sacc.:					
Bamboo.....	Guatemala.....	1		1	District of Columbia, New York.
<i>Ezobasidium vaccinii</i> (Fckl.) Woron.:					
<i>Rhododendron</i> sp.....	Hawaii.....			1	California.*
<i>Fusarium oxysporum</i> Schlecht.:					
<i>Crocus</i> sp.....	Netherlands.....			1	New York.
<i>Iris</i> var. <i>Imperator</i>	do.....			1	Washington.
<i>Fusarium oxysporum</i> Schlecht. f. <i>gladioli</i> (Massey) Snyder & Hansen:					
<i>Gladiolus</i> sp.....	Canada, Ger- many, Neth- erlands.			9	Florida, New York.
<i>Fusarium oxysporum</i> Schlecht. f. <i>narcissi</i> Snyder & Hansen:					
<i>Narcissus</i> sp.....	Netherlands.....			15	California*, Michigan, Minnesota, New York, Pennsyl- vania.
<i>Fusicladium pyracanthae</i> (Oth.) Rostr.:					
<i>Pyracantha coccinea lalandi</i>	do.....			1	New Jersey.
<i>Fusicoccum galericulatum</i> Sacc.:					
<i>Fagus</i> sp.....	Belgium.....			1	Do.
<i>Gliomastix convolvula</i> (Harz) Mason:					
<i>Eleocharis dulcis</i> (waternut).....	China.....	2			California.*
<i>Lilium speciosum punctatum</i>	Japan.....			1	Do.
<i>Narcissus</i> sp.....	Netherlands.....			1	Do.
<i>Solanum tuberosum</i> (potato).....	England,..... France.		2		Do.
<i>Zingiber officinale</i> (ginger).....	China.....	13			Do.
<i>Gliomastix penicilloides</i> Cda.:					
<i>Brassica napobrassica</i> (rutabaga).....	Australia.....		1		Pennsylvania.
<i>Gloeosporium affine</i> Sacc.:					
<i>Hoya</i> sp.....	do.....			1	Washington.
<i>Gloeosporium affine</i> Sacc. (?):					
<i>Vanda</i> sp. (orchid).....	India.....			1	Do.
<i>Gloeosporium beyrodtii</i> Klitzing:					
<i>Vanda</i> sp.....	do.....	1		1	Hawaii, Washington.
<i>Gloeosporium catechu</i> Syd.:					
Palm.....	Guam.....			1	California.*

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<i>Gloeosporium orchidearum</i> Karst.: Orchid.....	British West Indies.....	-----	-----	1	Massachu- setts.
<i>Gloeosporium piperatum</i> Ell. & Ev.: <i>Capsicum frutescens</i> (pepper).....	Cuba.....	-----	1	-----	New York.
<i>Gloeosporium rhododendri</i> Briosi & Cav.: <i>Rhododendron</i> sp.....	England.....	-----	-----	4	Washington.
<i>Gymnosporangium haraeaeum</i> Syd.: <i>Cupressus</i> sp. (cypress).....	Japan.....	-----	-----	2	Do.
<i>Juniperus</i> sp. (?).....	do.....	-----	-----	1	Do.
<i>Helminthosporium avenae</i> Eidam: <i>Avena</i> sp.....	England.....	1	-----	-----	California.*
<i>Helminthosporium carposaprum</i> Pollack: <i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	2	-----	-----	Texas.
<i>Helminthosporium oryzae</i> Breda de Haan: <i>Oryza sativa</i> (rice).....	Canal Zone, Hawaii, Japan, Mexico.....	2	-----	2	Arizona, District of Columbia, Louisiana, New York.
<i>Heterodera goettingiana</i> Liebscher: <i>Camellia</i> sp.....	Azores.....	-----	-----	1	New Jersey.
Soil around strawberry roots.....	Denmark.....	-----	-----	1	District of Columbia.
<i>Heterodera punctata</i> Thorne: Soil with Orchid.....	England.....	-----	-----	1	New Jersey.
<i>Heterodera rostochiensis</i> Wr.: Soil with <i>Cyclamen</i> sp.....	Germany.....	-----	-----	1	Alabama.
Soil with <i>Juniperus</i> sp.....	England.....	-----	-----	1	New York.
Soil with nursery stock.....	do.....	-----	-----	1	Do.
Soil with perennial plants.....	do.....	-----	-----	1	New Jersey.
Soil with <i>Primula</i> sp.....	do.....	-----	-----	1	Do.
Soil with shamrocks.....	Ireland.....	1	-----	-----	New York.
Soil with plants.....	England, Ger- many.....	-----	-----	5	New Jersey, New York.
<i>Heterosporium allii</i> Ell. & G. Martin: <i>Allium sativum</i> (garlic).....	Mexico.....	1	-----	-----	Texas.
<i>Heterosporium ornithogali</i> (Klotzsch) Cke.: <i>Ornithogalum thyrsoides</i>	Union of South Africa.....	1	-----	-----	New York.
(chinkerichee) <i>Hormodendron cladosporioides</i> (Fres.) Sacc.: <i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	1	-----	-----	Texas.
<i>Phaseolus vulgaris</i> (kidney bean).....	Egypt.....	-----	1	-----	Pennsylvania.
<i>Isariopsis griseola</i> Sacc.: <i>Phaseolus vulgaris</i> var. (string bean)	Puerto Rico.....	2	-----	-----	New York.
<i>Karschia lignyota</i> (Fr.) Sacc.: <i>Magnolia</i> sp.....	Netherlands.....	-----	-----	1	Washington.
<i>Lachnum virgineum</i> (Batsch ex Fr.) Karst.: <i>Rhododendron molle</i>	do.....	-----	-----	1	New Jersey.
<i>Laestadia ruozii</i> (Mont.) Sacc.: <i>Erica</i> sp. (?).....	Union of South Africa.....	1	-----	-----	Do.
<i>Leptosphaeria berberidis</i> Rick: <i>Berberis</i> sp.....	Germany.....	-----	-----	1	New York.
<i>Leptosphaeria heterospora</i> (De N.) Niessl: <i>Iris</i> sp.....	Netherlands.....	-----	-----	1	New Jersey.
<i>Leptosphaeria musarum</i> Sacc. & Berl.: <i>Musa paradisiaca sapientum</i> (banana).....	Colombia, Guatemala.....	2	-----	-----	Maryland.
<i>Leptosphaeria opuntiae</i> Dodge: <i>Echinocactus texensis</i> (cactus).....	Mexico.....	-----	-----	1	New Jersey.
<i>Leptosphaeria rusci</i> (Wallr.) Sacc.: <i>Ruscus</i> sp.....	Italy.....	3	-----	-----	Pennsylvania.
<i>Leptothyrium berberidis</i> Cke. & Mass.: <i>Berberis</i> sp.....	Germany.....	-----	-----	1	New York.
<i>Leptothyrium pomi</i> (Mont. & Fr.) Sacc.: <i>Citrus reticulata</i> (tangerine).....	China.....	1	-----	-----	Hawaii.
<i>Malus sylvestris</i> (apple).....	France.....	-----	1	-----	New York.
<i>Lophodermium juniperinum</i> (Fr.) De N.: <i>Juniperus</i> sp.....	Japan.....	-----	-----	1	Washington.
<i>Lophodermium oryococi</i> (Fr.) Karst.: <i>Vaccinium ovatum</i> (box blueberry).....	British Colum- bia.....	1	-----	-----	New York.

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<i>Macrophoma musae</i> (Cke.) Berl. & Vogl.: <i>Musa paradisiaca sapientum</i> (banana)	India, Pakis- tan, Phil- ippines.	2	7	-----	California*, Hawaii, New York.
<i>Musa</i> sp.....	Philippines.	2	-----	-----	Hawaii.
<i>Marsonina populi</i> (Lib.) Magn.: <i>Populus tremula</i> (European aspen)...	Germany	1	-----	-----	Pennsylvania.
<i>Melanospora zamiae</i> Cda.: <i>Eleocharis dulcis</i> (waternut)..... <i>Pueraria thunbergiana</i> (kudzu-bean)..... <i>Zingiber officinale</i> (ginger).....	China..... do..... do.....	1 1 3	----- ----- -----	----- ----- -----	California.* Do. Do.
<i>Memnoniella echinata</i> (Rivolta) L. O. Gall.: <i>Catleya mossiae</i> (orchid)..... <i>Colocasia esculenta</i> (dasheen)..... <i>Eleocharis dulcis</i> (waternut)..... <i>Musa paradisiaca sapientum</i> (banana)	Costa Rica..... China..... do..... Fiji Islands.....	----- 2 1 1	----- ----- ----- -----	1 ----- ----- -----	Texas. California.* Do. Do.
<i>Oryza sativa</i> (rice)..... <i>Zingiber officinale</i> (ginger).....	Japan..... China, Hawaii	----- 11	1 -----	----- -----	Do. Do.
<i>Metasphaeria caraguata</i> Speg.: Bromeliad.....	Costa Rica.....	-----	-----	1	Texas.
<i>Monilinia fructigena</i> (Aderh. & Ruhl.) Honey: <i>Malus sylvestris</i> (apple)..... <i>Prunus persica</i> (peach).....	do..... Portugal.....	----- 1	1 -----	----- -----	New York. Pennsylvania.
<i>Monochaetia paeoniae</i> (Mauubl.) Sacc. & D. Sacc.: <i>Paeonia suffruticosa</i> (tree peony).....	Japan.....	-----	-----	1	California.*
<i>Mononchus papillatus</i> Bastian: Soil around azalea plants.....	Netherlands.....	-----	-----	1	Alabama.
<i>Mycosphaerella allicina</i> (Fr.) Vest.: <i>Allium ascalonicum</i> (shallot).....	do.....	-----	1	-----	Oregon.
<i>Mycosphaerella citrullina</i> (C. O. Sm.) Gross: <i>Cucumis sativus</i> (cucumber)..... <i>Sesquium edule</i> (chayote).....	Mexico..... Haiti.....	1 -----	----- 1	----- -----	Texas. Louisiana.
<i>Mycosphaerella clintoniana</i> House: <i>Rhododendron indicum</i> (indica azalea) <i>Rhododendron</i> sp.....	Belgium..... England.....	----- -----	----- -----	1 1	New Jersey. Washington.
<i>Mycosphaerella fragariae</i> (Tul.) Lindau: <i>Fragaria</i> sp.....	England.....	-----	-----	1	California.*
<i>Mycosphaerella maculiformis</i> (Pers. ex Fr.) Schroet.: <i>Castanea</i> sp. (chestnut).....	Italy.....	-----	-----	1	New York.
<i>Mycosphaerella opuntiae</i> (Ell. & Ev.) Deam.: <i>Coryphantha erecta</i> (cactus)..... <i>Opuntia compressa</i> (pricklypear)..... <i>Opuntia</i> sp.....	Mexico..... do..... do.....	----- ----- -----	----- ----- -----	1 1 5	Texas. Do. Do.
<i>Mycosphaerella philodendri</i> (Pat.) Lindau: <i>Philodendron</i> sp.....	do.....	-----	-----	1	Do.
<i>Mycosphaerella pinodes</i> (Berk. & Blox.) Stone: <i>Pisum sativum</i> (pea).....	do.....	1	-----	-----	Do.
<i>Mycosphaerella pomi</i> (Pass.) Lindau: <i>Malus sylvestris</i> (apple).....	Italy.....	-----	-----	1	New Jersey.
<i>Mycosphaerella rhododendri</i> (Cke.) G. H. Martin: <i>Rhododendron</i> sp.....	Netherlands.....	-----	-----	2	Do.
<i>Myrothecium roridum</i> Tode ex Fr.: <i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	2	-----	-----	Texas.
<i>Naemacyclus niveus</i> (Pers. ex Fr.) Sacc.: <i>Pinus sylvestris</i> (Scotch pine).....	Denmark.....	-----	-----	1	New Jersey.
<i>Neovossia horrida</i> (Tak.) Padwick & Az- matullah Khan: <i>Oryza sativa</i> (rice).....	Service mail.....	1	-----	-----	Washington.
<i>Neovossia indica</i> (Mitra) Mund.: <i>Triticum aestivum</i> (wheat).....	India.....	-----	-----	2	District of Columbia.

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<i>Nigrospora sphaerica</i> (Sacc.) Mason:					
<i>Anthurium sanguineum</i>	Guatemala.....	-----	-----	1	California.*
<i>Oryza sativa</i> (rice).....	Japan, Portu- gal.....	4	-----	-----	Do.
<i>Zea mays</i> (corn).....	Colombia.....	-----	-----	1	Do.
<i>Omphalia flarida</i> (Cke.) Maub. & Ran- gel:					
<i>Gardenia augusta</i> (gardenia).....	Mexico.....	22	-----	-----	California* Texas.
<i>Orbilia rubella</i> (Pers. ex Fr.) Karst.:					
<i>Eriobotrya japonica</i> (loquat).....	do.....	1	-----	-----	Texas.
<i>Papularia sphaerosperma</i> (Fr.) Hoehn.:					
<i>Bambusa</i> sp. (bamboo).....	India.....	-----	-----	1	California.*
<i>Papulaspora parasitica</i> (Eldam) Harz.:					
<i>Tulipa</i> sp. (tulip).....	Netherlands.....	-----	-----	1	Do.
<i>Periola hirsuta</i> (Schum.) Fr.:					
Orchid.....	Venezuela.....	-----	1	-----	Maryland.
<i>Peronospora effusa</i> (Grev.) Rab.:					
<i>Spinacia oleracea</i> (spinach).....	Mexico.....	4	-----	-----	Arizona, Texas.
<i>Peronospora pisi</i> (D By.) Syd.:					
<i>Pisum sativum</i> (pea).....	Portugal.....	-----	1	-----	Texas.
<i>Pestalotia conspicua</i> Servazzii:					
<i>Cattleya lueddemanniana</i> (orchid).....	Venezuela.....	-----	-----	1	Do.
<i>Cattleya mossiae</i>	do.....	-----	-----	1	California.*
<i>Stanhopea</i> sp. (orchid).....	Peru.....	-----	-----	1	Do.
<i>Vanda</i> sp. (orchid).....	Siam.....	-----	-----	1	Do.
<i>Pestalotia cryptomeriae</i> Cke.:					
<i>Cryptomeria japonica</i> (cryptomeria).....	Japan.....	-----	-----	1	Washington.
<i>Pestalotia funerea</i> Desm.:					
<i>Juniperus excelsa</i>	South America.....	1	-----	-----	New York.
<i>Mangifera indica</i> (mango).....	Mexico.....	1	-----	-----	Texas.
<i>Pinus</i> sp. (3-leaved pine).....	do.....	-----	-----	1	Do.
<i>Pestalotia inconspicua</i> Servazzii:					
<i>Laelia</i> sp. (orchid).....	do.....	-----	-----	1	Do.
<i>Pestalotia macrotricha</i> Kleb.:					
<i>Rhododendron</i> sp.....	England, Netherlands.....	-----	-----	3	New Jersey, Washington.
<i>Pestalotia microspora</i> Speg.:					
<i>Laelia anceps</i> (orchid).....	Mexico.....	-----	-----	1	Texas.
<i>Laelia</i> sp.....	do.....	-----	-----	1	Do.
<i>Pestalotia nucicola</i> Ell. & Ev.:					
<i>Castanea</i> sp. (chestnut).....	Italy.....	1	-----	-----	Do.
<i>Pestalotia palmarum</i> Cke.:					
Palm.....	Canal Zone, Mexico, St. Lucia.....	1	-----	2	New York, Texas, Washington.
<i>Pestalotia peregrina</i> Ell. & Mart.:					
<i>Pinus mugo</i> (?).....	Denmark.....	-----	-----	1	New Jersey.
<i>Pinus sylvestris</i> (Scotch pine).....	do.....	-----	-----	1	Do.
<i>Pestalotia psidii</i> Pat.:					
<i>Psidium guajava</i> (guava).....	Mexico.....	2	-----	-----	Texas.
<i>Peizizella lythri</i> Shear & Dodge:					
<i>Paeonia suffruticosa</i> (tree peony).....	France.....	-----	-----	1	New Jersey.
<i>Rosa</i> sp.....	England.....	-----	-----	1	Do.
<i>Phaeosphaerella senniana</i> Sacc. (?):					
<i>Protea cynaroides</i> (honeypot protea).....	Union of South Africa.....	-----	-----	1	Do.
<i>Phaeosphaeria oryzae</i> Miyake:					
<i>Oryza sativa</i> (rice).....	China, Japan.....	4	1	-----	California.*
<i>Phoma citricarpa</i> McAlp.:					
<i>Citrus grandis</i> (pummelo).....	China.....	1	-----	-----	Do.
<i>Citrus limon</i> (lemon).....	Australia, For- mosa.....	-----	4	-----	California*, Massachu- setts, New York, Penn- sylvania.
<i>Citrus paradisi</i> (grapefruit).....	Australia.....	-----	2	-----	California*, Washington.
<i>Citrus reticulata</i> (Mandarin orange).....	China.....	23	3	-----	California*, Hawaii, Minnesota, New York, Washington.

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<i>Phoma citricarpa</i> —Continued <i>Citrus sinensis</i> (orange).....	Australia, Canton Island, China, Japan, Union of South Africa.	51	11	-----	Alaska, California*, Hawaii, Massachusetts, New York, Pennsylvania, Washington.
<i>Phoma insidiosa</i> Tassi: <i>Sorghum vulgare</i> (sorghum).....	India, Kenya.	-----	-----	4	District of Columbia.
<i>Phoma japonica</i> Sacc.: <i>Kerria japonica</i> (kerria).....	Japan	-----	-----	1	Washington.
<i>Phoma pinicola</i> (Zopf) Sacc.: <i>Pinus contorta</i> (shore pine).....	Canada	-----	-----	1	Do.
<i>Phomopsis capsici</i> (Magn.) Sacc.: <i>Capsicum frutescens</i> (pepper).....	Barbados, Cuba.	2	-----	-----	Massachusetts, New York.
<i>Phomopsis magnoliae</i> Died.: <i>Magnolia</i> sp.....	Netherlands	-----	-----	1	New Jersey.
<i>Phomopsis phoenicola</i> Trav.: <i>Phoenix</i> sp.....	Azores	-----	-----	1	Massachusetts.
<i>Phomopsis seposita</i> (Sacc.) Trav.: <i>Wisteria sinensis</i> (Chinese wisteria).....	Netherlands	-----	-----	1	New Jersey.
<i>Wisteria</i> sp.....	do	-----	-----	1	Do.
<i>Phomopsis sorbicola</i> Grove: <i>Sorbus aucuparia</i> (European mountain-ash)	do	-----	-----	1	Do.
<i>Phragmidium discolorum</i> (Tode) James: <i>Rosa</i> sp.....	Egypt, Italy	-----	1	1	New York, Pennsylvania.
<i>Phyllachora engleri</i> Speg.: <i>Anthurium</i> sp. (?).....	Guatemala	-----	-----	-----	New Jersey.
<i>Phyllosticta aucubicola</i> Sacc.: <i>Aucuba</i> sp.....	Netherlands	-----	-----	1	Do.
<i>Phyllosticta camelliae</i> West.: <i>Camellia japonica</i> (camellia).....	England	-----	-----	1	Do.
<i>Phyllosticta codiaeicola</i> Died.: <i>Codiaeum</i> sp. (croton).....	Bermuda	-----	-----	1	New York.
<i>Phyllosticta concava</i> Seaver: <i>Opuntia</i> sp. (cactus).....	Mexico	-----	-----	1	Texas.
<i>Phyllosticta draconis</i> Berk.: <i>Cordyline terminalis</i> (dracena)	Hawaii	1	-----	-----	California.*
<i>Phyllosticta glumarum</i> (Ell. & Tracy) Miyake: <i>Oryza sativa</i> (rice).....	Mexico	1	-----	-----	Arizona.
<i>Phyllosticta laeliae</i> Kelssl.: <i>Brassia verrucosa</i> (orchid).....	Guatemala	-----	-----	1	California.*
<i>Laelia anceps</i> (orchid).....	Mexico	-----	-----	3	Texas.
<i>Laelia autumnalis</i>	do	-----	-----	1	Do.
<i>Laelia furfuracea</i>	do	-----	-----	1	Do.
<i>Laelia majalis</i>	do	-----	-----	1	Do.
<i>Laelia</i> sp.....	do	-----	-----	5	California*, Texas.
<i>Phyllosticta leucothoes</i> Ell. & Mart.: <i>Leucothoe catesbaei</i> (drooping leucothoe)	Netherlands	-----	-----	1	New Jersey.
<i>Phyllosticta mortoni</i> Fairm.: <i>Mangifera indica</i> (mango).....	Mexico	1	-----	-----	Texas.
<i>Phyllosticta narcissi</i> Aderh.: <i>Narcissus</i> sp.....	Netherlands	-----	-----	1	California.*
<i>Phyllosticta nerii</i> West.: <i>Nerium oleander</i> (oleander).....	Bermuda	-----	-----	1	Maryland.
<i>Phyllosticta ruscicola</i> Dur. & Mont.: <i>Ruscus</i> sp.....	Italy	4	-----	-----	New York, Pennsylvania.
<i>Phyllosticta saccardoi</i> Thuem.: <i>Rhododendron</i> sp.....	England	-----	-----	1	Washington.
<i>Physalospora campispora</i> Sacc.: <i>Laelia anceps</i> (orchid).....	Mexico	-----	-----	2	Texas.
<i>Laelia superbiens</i>	do	-----	-----	1	Do.
<i>Laelia</i> sp.....	do	-----	-----	2	Do.
<i>Stanhopea</i> sp. (orchid).....	do	-----	-----	1	Do.

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<i>Physalospora cattleyae</i> Maub. & Lasnier: <i>Laelia</i> sp. (orchid).....	Mexico..... Venezuela.....	----- -----	----- -----	3 -----	Texas.
<i>Physalospora ilicis</i> (Fr.) Sacc.: <i>Ilex</i> sp. (holly).....	Korea.....	-----	-----	1	California.*
<i>Physalospora obtusa</i> (Schw.) Cke.: <i>Genista</i> sp.....	Germany.....	-----	-----	1	New York.
<i>Pyrus communis</i> (pear).....	Spain.....	1	-----	-----	Pennsyl- vania.
<i>Physalospora orchidearum</i> P. Henn.: <i>Dendrobium</i> sp. (orchid).....	Australia.....	-----	-----	1	New Jersey.
<i>Physalospora wildemaniana</i> Sacc.: <i>Cattleya</i> sp. (orchid).....	Colombia.....	-----	-----	1	Texas.
<i>Laelia anceps</i> (orchid).....	Mexico.....	-----	-----	1	Do.
<i>Laelia</i> sp.....	do.....	-----	-----	1	Do.
<i>Stanhopea</i> sp. (orchid).....	do.....	-----	-----	1	Do.
<i>Phytophthora cactorum</i> (Leb. & Cohn) Schroet.: <i>Cucurbita maxima</i> (squash).....	----- do.....	----- 1	----- -----	----- -----	Do.
<i>Phytophthora parasitica</i> Dast.: <i>Lycopersicon esculentum</i> (tomato)....	Jamaica.....	1	-----	-----	Alabama.
<i>Plasmiodiophora brassicae</i> Wor.: <i>Brassica rapa</i> (turnip).....	England.....	-----	1	-----	Pennsyl- vania.
<i>Polyporus occidentalis</i> Klotzsch: <i>Hura crepitans</i> (?).....	Brazil.....	2	-----	-----	New York.
<i>Prospodium appendiculatum</i> (Wint.) Arth.: <i>Stenolobium stans</i>	----- Mexico.....	----- -----	1	-----	Texas.
(Florida yellow trumpet) <i>Pseudomonas marginata</i> (McCull.) Stapp: <i>Gladiolus</i> sp.....	----- Italy, Nether- lands. Union of South Africa.	----- ----- -----	----- ----- -----	4 ----- 1	Illinois, New York. New Jersey.
<i>Sparaxis grandiflora</i> (big wandflower) <i>Pseudomonas phaseolicola</i> (Burk.) Dowson: <i>Phaseolus vulgaris</i> (kidney bean).....	----- Mexico.....	----- 2	----- -----	----- -----	Texas.
<i>Pseudomonas solanacearum</i> E. F. Sm. (?): <i>Solanum tuberosum</i> (potato).....	do.....	1	-----	-----	Do.
<i>Pseudomonas syringae</i> v Hall: <i>Persea americana</i> (avocado).....	do.....	1	-----	-----	Do.
<i>Pseudopeziza medicaginis</i> (Lib.) Sacc.: <i>Medicago sativa</i> (alfalfa).....	Germany.....	1	-----	-----	New York.
<i>Pseudopeziza trifolii</i> (Biv.-Bern.) Fekl.: <i>Trifolium repens</i> var. shamrock.....	Ireland.....	1	-----	-----	Do.
<i>Puccinia allii</i> (DC.) Rud.: <i>Allium sativum</i> (garlic).....	France.....	-----	1	-----	Texas.
<i>Puccinia arenariae</i> (Schum.) Wint.: <i>Gypsophila</i> sp.....	Portugal.....	-----	1	-----	Massachu- setts.
<i>Puccinia chrysanthemi</i> Roze: <i>Chrysanthemum morifolium</i> var.....	Japan.....	1	-----	-----	Washington
<i>Puccinia cichorii</i> (DC.) Bellynek: <i>Cichorium intybus</i> (chicory).....	Belgium.....	1	-----	-----	New York.
<i>Puccinia glumarum</i> (Schmidt) Eriks. & E. Henn.: <i>Hordeum vulgare</i> (barley).....	Japan.....	-----	1	-----	Louisiana.
<i>Triticum aestivum</i> (wheat).....	Turkey.....	-----	-----	1	District of Columbia.
<i>Puccinia ornithogalli-thyrsoides</i> Diet.: <i>Ornithogalum thyrsoides</i> (chinkerichee)	Union of South Africa.	5	-----	-----	Maryland, Massachu- setts, New York, Penn- sylvania.
<i>Puccinia phragmitis</i> (Schum.) Koern.: <i>Phragmites communis</i> (reed).....	Chile..... England, France, Netherlands.	4	-----	-----	New York, Ohio.
<i>Puccinia porri</i> (Sow.) Wint.: <i>Allium sativum</i> (garlic).....	Italy.....	1	-----	-----	Louisiana.
<i>Puccinia urbaniana</i> P. Henn.: <i>Stachytarpheta jamaicensis</i>	Puerto Rico....	1	-----	-----	New York.

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<i>Puccinia violae</i> (Schum.) DC.: <i>Viola cornuta</i> (horned violet)-----	Sweden,----- unknown.	1	1	-----	New York.
<i>Pucciniastrum myrtilli</i> (Schum.) Arth.: <i>Rhododendron</i> sp.-----	England-----	-----	-----	1	Washington.
<i>Pyrenochaeta oryzae</i> Miyake: <i>Oryza sativa</i> (rice)-----	India-----	-----	1	-----	Pennsylvania.
<i>Rabenhorstia rudis</i> Fr.: <i>Laburnum watereri</i> (waterer laburnum)-----	Netherlands-----	-----	-----	1	New Jersey.
<i>Laburnum</i> sp.-----	do-----	-----	-----	1	Do.
<i>Rhizopus necans</i> Mass.: <i>Lycoris</i> sp.-----	China-----	-----	-----	1	Do.
<i>Schizophyllum commune</i> Fr.: <i>Hura crepitans</i> (?)-----	Brazil-----	1	-----	-----	New York.
<i>Tilia tomentosa</i> -----	Italy-----	-----	-----	1	New Jersey.
<i>Sclerotinia kernerii</i> Wettst.: <i>Abies</i> sp.-----	Greece-----	1	-----	-----	New York.
<i>Sclerotinia minor</i> Jagger: <i>Cichorium endivia</i> (endive)-----	Belgium-----	3	-----	-----	Do.
<i>Sclerotinia trifoliorum</i> Eriks.: <i>Trifolium</i> sp. (clover)-----	Afghanistan-----	-----	-----	1	District of Columbia.
<i>Sclerotium cepivorum</i> Berk.: <i>Allium sativum</i> (garlic)-----	Italy-----	3	1	-----	Massachu- setts, New York, Penn- sylvania.
<i>Sclerotium delphinii</i> Welch: <i>Iris tingiana</i> (Morocco iris)-----	France-----	-----	-----	1	New Jersey.
<i>Septobasidium pseudopedicellatum</i> Burt: <i>Citrus sinensis</i> (orange)-----	Brazil-----	-----	1	-----	New York.
<i>Septoria ampelina</i> Berk. & Curt.: <i>Vitis</i> sp. (grape)-----	Mexico-----	-----	-----	1	Texas.
<i>Septoria azaleae</i> Vogl.: <i>Rhododendron</i> sp.----- (<i>Azalea vuyistukeana</i>)	Netherlands-----	-----	-----	1	New Jersey.
<i>Rhododendron</i> sp.-----	Belgium,----- England, Netherlands.	-----	-----	21	New Jersey, Washington.
<i>Septoria bambusella</i> Speg.: Bamboo-----	China-----	1	-----	-----	Washington.
<i>Septoria castanicola</i> Desm.: <i>Castanea</i> sp. (chestnut)-----	Italy-----	-----	-----	1	New Jersey.
<i>Septoria chrysanthemi</i> Allesch.: <i>Chrysanthemum</i> sp.-----	Bermuda,----- England, Netherlands.	1	-----	3	Maryland, New Jersey.
<i>Septoria citri</i> Pass.: <i>Citrus limon</i> (lemon)-----	Italy, Portugal-----	-----	2	-----	Pennsylvania.
<i>Septoria cyclaminis</i> Dur. & Mont.: <i>Cyclamen europaeum</i> ----- (European cyclamen)	Switzerland-----	-----	-----	1	New York.
<i>Cyclamen</i> sp.-----	Italy-----	-----	-----	1	New Jersey.
<i>Septoria dianthi</i> Desm.: <i>Dianthus</i> sp. (carnation)-----	Australia,----- Azores, Brazil, Portugal.	1	1	5	California*, Massachu- setts, New York.
<i>Septoria divaricatae</i> Etl. & Ev.: <i>Phlox</i> sp.-----	England-----	-----	-----	1	New Jersey.
<i>Septoria epipactidis</i> Sacc. (?): <i>Cypripedium insigne</i> (orchid)-----	India-----	-----	-----	1	California.*
<i>Septoria leucanthemi</i> Sacc. & Speg.: <i>Chrysanthemum maximum</i> (Shasta daisy)-----	Mexico-----	2	-----	-----	Texas.
<i>Chrysanthemum morifolium</i> var.-----	Japan-----	1	-----	-----	Washington.
<i>Septoria timonium</i> Pass.: <i>Citrus limon</i> (lemon)-----	Algeria-----	-----	1	-----	Pennsylvania.
<i>Septoria nodorum</i> Berk.: <i>Triticum aestivum</i> (wheat)-----	India-----	-----	-----	1	District of Columbia.
<i>Septoria oryzae</i> Catt.: <i>Oryza sativa</i> (rice)-----	Japan-----	2	-----	-----	New York, Pennsyl- vania.

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<i>Septoria posekensis</i> Sacc.:					
<i>Bulbophyllum</i> sp. (?)	India	-----	-----	1	New Jersey.
<i>Coelogyne cristata</i> (orchid)	do	-----	-----	1	California.*
<i>Cymbidium devonianum</i> (orchid)	do	-----	-----	2	New Jersey.
<i>Cymbidium pendulum</i>	do	-----	-----	1	California.*
<i>Cypripedium insigne</i> (orchid)	do	-----	-----	1	Do
<i>Odonoglossum citrosum</i> (orchid)	Mexico	-----	-----	6	Texas.
<i>Oncidium varicosum rogersi</i> (orchid)	Brazil	-----	-----	1	Florida.
<i>Oncidium</i> sp.	Mexico	-----	-----	1	Texas.
<i>Septoria pyricola</i> Desm.:					
<i>Pyrus communis</i> (pear)	Italy	1	-----	-----	Michigan.
<i>Septoria unedonis</i> Rob. & Desm.:					
<i>Arbutus unedo</i> (strawberry-tree)	do	-----	-----	1	New York.
<i>Sorosporium reitiana</i> (Kuehn) McAlp.:					
<i>Sorghum vulgare</i> (sorghum)	India	-----	-----	1	District of Columbia.
<i>Sorghum vulgare technicum</i> (broomcorn)	Argentina, Rumania.	4	-----	-----	New York
<i>Sphaceloma fawcettii</i> Jenkins:					
<i>Citrus</i> sp.	Mexico	1	-----	-----	Texas.
<i>Stachybotrys subsimplex</i> Cke.:					
<i>Musa paradisiaca sapientum</i> (banana)	Panama	1	-----	-----	California.*
<i>Stachylidium theobromae</i> Turc.:					
<i>Musa paradisiaca</i> (plantain)	Cuba, Dominican Republic, Honduras, Puerto Rico.	3	1	-----	New York.
<i>Musa paradisiaca sapientum</i> (banana)	Colombia, Costa Rica, Ecuador, Guatemala, Mexico, Panama, Puerto Rico, Sierra Leone.	16	1	-----	California*, New York, Pennsylvania.
<i>Stagonospora berberidina</i> Sacc.:					
<i>Berberis</i> sp.	Germany	-----	-----	1	New York.
<i>Stagonospora gigantea</i> Heald & Wolf:					
<i>Agave scabra</i>	Mexico	-----	-----	1	Texas.
<i>Stagonospora graminella</i> Sacc.:					
<i>Triticum aestivum</i> (wheat)	India	-----	-----	1	District of Columbia.
<i>Stemphylium botryosum</i> Wallr.:					
<i>Allium cepa</i> (onion)	Mexico	3	-----	-----	Texas.
<i>Allium porrum</i> (leek)	France	-----	1	-----	Pennsylvania.
<i>Allium sativum</i> (garlic)	Mexico	2	-----	-----	Texas.
<i>Crassula</i> sp.	Bermuda	1	-----	-----	Virginia.
<i>Dianthus</i> sp. (carnation)	Denmark, Netherlands, Panama, Portugal (?)	2	1	1	Massachusetts, New Jersey, New York, Virginia.
<i>Hyacinthus</i> sp.	Netherlands	-----	-----	1	Washington.
<i>Nerium oleander</i> (oleander)	Bermuda	-----	-----	1	Maryland.
<i>Stemphylium ilicis</i> Tengwall:					
<i>Hyacinthus</i> sp.	Netherlands	1	-----	4	New York, Pennsylvania, Texas, Virginia.
<i>Muscari</i> sp.	do	-----	-----	1	Michigan.
<i>Stemphylium radicum</i> (Meier, Drechs. & Eddy) Neerg.:					
<i>Daucus carota</i> (carrot)	England	-----	1	-----	Alabama.
<i>Hyacinthus</i> sp.	Netherlands	-----	-----	1	Washington.
<i>Stilbum incarnatum</i> Wakk.:					
<i>Aglaonema simplex</i> (China green)	China	-----	-----	1	California.*
<i>Eleocharis dulcis</i> (waternut)	do	3	-----	-----	Do.
<i>Thecopsoara areolata</i> (Fr.) P. Magn.:					
<i>Prunus</i> sp. (cherry)	Finland	-----	-----	1	Washington.
<i>Thielaviopsis basicola</i> (Berk. & Br.) Ferr.:					
<i>Sinningia speciosa</i> (gloxinia)	Belgium, Netherlands.	-----	-----	27	New York, Pennsylvania.
"Tomato pox":					
<i>Lycopersicon esculentum</i> (tomato)	Mexico	6	-----	-----	Texas.

List of pests (diseases) collected and reported from July 1, 1948, to June 30, 1949, inclusive
—Continued

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Trichoderma lignorum</i> (Tode) Harz.: <i>Leucojum</i> sp. (snowflake)-----	Netherlands-----	-----	-----	1	New Jersey.
<i>Tritirachium dependens</i> Limber: <i>Cyclamen</i> sp.-----	Italy-----	-----	-----	1	Do.
<i>Tylenchorhynchus claytoni</i> Steiner: Soil around azaleas-----	Netherlands-----	-----	-----	1	Alabama.
<i>Tylenchus putrefaciens</i> Kuhn: <i>Allium sativum</i> (garlic)-----	Mexico-----	1	-----	-----	Texas.
<i>Uredo anthurii</i> (Hariot) Sacc.: <i>Anthurium</i> sp.-----	Guatemala-----	-----	-----	1	California.*
<i>Uredo autumnalis</i> Diet.: <i>Chrysanthemum morifolium</i> var.-----	Japan-----	1	-----	-----	Washington.
<i>Uredo behnickiana</i> P. Henn.: <i>Epidendrum</i> sp. (orchid)-----	Mexico-----	-----	-----	1	Texas.
<i>Laelia anceps</i> (orchid)-----	do-----	-----	-----	2	Do.
<i>Oncidium</i> sp. (orchid)-----	Brazil-----	-----	-----	2	New Jersey.
<i>Uredo oncidii</i> P. Henn.: <i>Oncidium cavendishianum</i> (orchid)-----	Mexico-----	-----	-----	1	Texas.
<i>Oncidium lanceanum</i> -----	Trinidad-----	-----	-----	1	New Jersey.
<i>Urocystis colchici</i> (Schlecht.) Rab.: <i>Colchicum autumnale</i> -----	Netherlands-----	-----	-----	3	Do.
(autumn crocus)-----	do-----	-----	-----	3	Do.
<i>Colchicum autumnale album</i> -----	do-----	-----	-----	10	Do.
(white autumn crocus)-----	do-----	-----	-----	-----	-----
<i>Uromyces alyziae</i> Arth.: <i>Alyzia olivaeformis</i> (maile alyxia)-----	Hawaii-----	6	-----	-----	California.*
<i>Uromyces compactus</i> Pk.: <i>Aster spinosus</i> (devilweed aster)-----	Mexico-----	1	-----	-----	Texas.
<i>Uromyces coronatus</i> Miy. & Nish.: <i>Oryza sativa</i> (rice)-----	Japan-----	2	-----	-----	New York, Pennsyl- vania.
<i>Zizania latifolia</i> (Asiatic wildrice)-----	do-----	1	-----	-----	Massachu- setts.
<i>Zizania</i> sp.-----	do-----	1	-----	-----	Do.
<i>Uromyces fabae</i> (Pers.) D. By.: <i>Pisum sativum</i> (pea)-----	India-----	-----	1	-----	New York.
<i>Uromyces lespedezae-procumbentis</i> (Schw.) Curt.: <i>Lespedeza bicolor</i> var. <i>japonica</i> -----	Japan-----	-----	-----	1	District of Columbia.
<i>Uromyces limonii</i> (DC.) Lev.: <i>Limonium sinuatum</i> -----	Switzerland-----	1	-----	-----	Michigan.
<i>Uromyces polygoni</i> (Pers.) Fekl.: <i>Rumex</i> sp.-----	Netherlands-----	1	-----	-----	Oregon.
<i>Ustilago allii</i> McAlp.: <i>Allium cepa</i> (onion)-----	Australia-----	1	-----	-----	Washington.
<i>Ustilago esculenta</i> P. Henn.: <i>Zizania latifolia</i> (Asiatic wildrice)-----	Japan-----	2	-----	-----	New York, Pennsyl- vania.
<i>Ustilago nuda</i> (Jens.) Rostr.: <i>Hordeum vulgare</i> (barley)-----	Italy-----	1	-----	-----	Washington.
<i>Ustilago perennans</i> Rostr.: <i>Arrhenatherum elatius</i> (tall oatgrass)-----	Czechoslo- vakia-----	1	-----	-----	Ohio.
<i>Ustilago tritici</i> (Pers.) Rostr.: Cereal-----	Netherlands-----	1	-----	-----	Texas.
<i>Triticum aestivum</i> (wheat)-----	Italy-----	1	-----	-----	New York.
<i>Venturia inaequalis</i> (Cke.) Wint. <i>ciner- ascens</i> (Fekl.) Aderh.: <i>Sorbus domestica</i> (servicetree)-----	do-----	1	-----	-----	Pennsyl- vania.
<i>Vermicularia dematium</i> Fr.: <i>Cajanus cajan</i> (pigeonpea)-----	Puerto Rico-----	1	-----	-----	New York.
<i>Dianthus</i> sp. (carnation)-----	England-----	-----	-----	1	Massachu- setts.
<i>Volutella buxi</i> (Cda.) Berk.: <i>Buxus</i> sp.-----	Netherlands-----	-----	-----	1	New Jersey.
<i>Volutella roseolum</i> Cke.: <i>Deutzia</i> sp.-----	do-----	-----	-----	1	Do.
<i>Xanthomonas citri</i> (Hasse) Dowson: <i>Citrus aurantifolia</i> (sour lime)-----	Ceylon, Egypt, India, Orient, Siam-----	-----	12	-----	California*, Massachu- setts, New York, Wash- ington.

List of pests (diseases) collected and reported from July 1, 1948, to June 30, 1949, inclusive
—Continued

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Xanthomonas citri</i> —Continued					
<i>Citrus aurantifolia</i> (sweet lime)-----	Philippines-----		1		New York.
<i>Citrus grandis</i> (pummelo)-----	China-----	1			California.*
<i>Citrus limon</i> (lemon)-----	India, Japan-----		3		California*, Washington.
<i>Citrus paradisi</i> (grapefruit)-----	India (?),----- Philippines, unknown.	1	2		California*, New York.
<i>Citrus reticulata</i> (Mandarin orange)-----	China-----	1	1		California*, Washington.
<i>Citrus sinensis</i> (orange)-----	China, Japan, Straits Settlements.	7	3		California*, Hawaii.
<i>Citrus sinensis</i> (Navel orange)-----	Japan-----		1		Oregon.
<i>Xanthomonas hyacinthi</i> (Wakk.) Dowson:					
<i>Hyacinthus</i> sp.-----	Netherlands-----			3	Michigan.
<i>Xanthomonas vesicatoria</i> (Doidge) Dowson:					
<i>Capsicum frutescens</i> (pepper)-----	Mexico-----	1			Texas.

- ABIES:**
Sclerotinia kernerii (Ascomycetes)
- AGAVE:**
Cercospora fourcroyae (Deuteromycetes)
Colletotrichum agaves (Deuteromycetes)
Stagonospora gigantea (Deuteromycetes)
- AGLAONEMA:**
Silbum incarnatum (Deuteromycetes)
- AGROPYRON:**
Clariceps purpurea (Ascomycetes)
- AGROSTIS:**
Clariceps microcephala (Ascomycetes)
- ALLIUM ASCALONICUM:**
Mycosphaerella alliacina (Ascomycetes)
- ALLIUM CEPA:**
Alternaria porri (Deuteromycetes)
Curvularia lunata (Deuteromycetes)
Stemphylium botryosum (Deuteromycetes)
Ustilago allii (Promycetes)
- ALLIUM PORRUM:**
Stemphylium botryosum (Deuteromycetes)
- ALLIUM SATIVUM:**
Botrytis elliptica (Deuteromycetes)
Ditylenchus dipsaci (Nematoda)
Heterosporium allii (Deuteromycetes)
Puccinia allii (Promycetes)
Puccinia porri (Promycetes)
Sclerotium cepivorum (Deuteromycetes)
Stemphylium botryosum (Deuteromycetes)
Tylenchus putrefaciens (Nematoda)
- ALYXIA:**
Uromyces alyziae (Promycetes)
- ANTHURIUM:**
Nigrospora sphaerica (Deuteromycetes)
Phyllachora engleri (Ascomycetes)
Uredo anthurii (Promycetes)
- ARACHIS:**
Ditylenchus destructor (?) (Nematoda)
- ARBUTUS:**
Septoria unedonis (Deuteromycetes)
- ARRHENATHERUM:**
Ustilago perennans (Promycetes)
- ASPIDISTRA:**
Colletotrichum omnivorum (Deuteromycetes)
- ASTER:**
Acroboles ciliatus (Nematoda)
Aphelenchus avenae (Nematoda)
Uromyces compactus (Promycetes)
- AUCUBA:**
Phyllosticta aucubicola (Deuteromycetes)
- AVENA:**
Helminthosporium avenae (Deuteromycetes)
- BAMBOO:**
Eutypella bambusina (Ascomycetes)
Septoria bambusella (Deuteromycetes)
- BAMBUSA:**
Popularia sphaerosperma (Deuteromycetes)
- BERBERIS:**
Leptosphaeria berberidis (Ascomycetes)
Leptothyrium berberidis (Deuteromycetes)
Stagonospora berberidina (Deuteromycetes)
- BRACHIARIA:**
Colletotrichum graminicolum (Deuteromycetes)
- BRASSIA:**
Phyllosticta laeliae (Deuteromycetes)
- BRASSICA NAPOBRASSICA:**
Ghormastix penicilloides (Deuteromycetes)
- BRASSICA RAPA:**
Plasmiodiophora brassicae (Myxomycetes)
- BROMELIAD:**
Metasphaeria caragata (Ascomycetes)
- BULBOPHYLLUM (?)**
Septoria posekensis (Deuteromycetes)
- BUXUS:**
Volutella buxi (Deuteromycetes)
- CAJANUS:**
Colletotrichum cajani (Deuteromycetes)
Vermicularia dematium (Deuteromycetes)
- CAMELLIA:**
Camellia yellow-spot virus
Heterodera goettingiana (Nematoda)
Phyllosticta camelliae (Deuteromycetes)
- CAMPANULA:**
Coleosporium campanulae (Promycetes)
- CAPSIUM:**
Curvularia lunata (Deuteromycetes)
Gloeosporium piperatum (Deuteromycetes)
Phomopsis capsici (Deuteromycetes)
- CAPSICUM—Continued**
Xanthomonas vesicatoria (Schizomycetes)
- CASTANEA:**
Cytospora ceratophora (Deuteromycetes)
Mycosphaerella maculiformis (Ascomycetes)
Pestalotia nucicola (Deuteromycetes)
Septoria castanicola (Deuteromycetes)
- CATTLEA:**
Memnoniella echinata (Deuteromycetes)
Pestalotia conspicua (Deuteromycetes)
Physalospora wildebrandiana (Ascomycetes)
- CHRYSANTHEMUM:**
Puccinia chrysanthemi (Promycetes)
Septoria chrysanthemi (Deuteromycetes)
Septoria leucanthemi (Deuteromycetes)
Uredo autumnalis (Promycetes)
- CICORIUM:**
Puccinia cichorii (Promycetes)
Sclerotinia minor (Ascomycetes)
- CITRULLUS:**
Colletotrichum lagenarium (Deuteromycetes)
- CITRUS AURANTIFOLIA:**
Elsinoe australis (Ascomycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS GRANDIS:**
Phoma citricarpa (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS LIMON:**
Cancrosis "B":
Elsinoe australis (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
Septoria citri (Deuteromycetes)
Septoria limonum (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS PARADISI:**
Phoma citricarpa (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS RETICULATA:**
Elsinoe australis (Ascomycetes)
Leptothyrium pumi (Deuteromycetes)
Phoma citricarpa (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS SINENSIS:**
Alternaria citri (Deuteromycetes)
Diaporthe citri (Ascomycetes)
Elsinoe australis (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
Septobasidium pseudopedicellatum (Basidiomycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS SP.:**
Phoma citricarpa (Deuteromycetes)
Sphaceloma fauettii (Deuteromycetes)
- COCOS:**
Botryosphaeria ribis (Ascomycetes)
- CODIAEUM:**
Phyllosticta codiaeicola (Deuteromycetes)
- COELOGYNE:**
Septoria posekensis (Deuteromycetes)
- COLCHICUM:**
Ditylenchus sp. (undescribed) (Nematoda)
Urocystis colchici (Promycetes)
- COLOCASIA:**
Memnoniella echinata (Deuteromycetes)
- CONVALLARIA:**
Aphelenchus aderholdi (Nematoda)
- CORDYLINE:**
Phyllosticta draconis (Deuteromycetes)
- CORYPHANTHA:**
Mycosphaerella opuntiae (Ascomycetes)
- CRASSULA:**
Stemphylium botryosum (Deuteromycetes)
- CROCUS:**
Fusarium oxysporum (Deuteromycetes)
- CRYPTOMERIA:**
Pestalotia cryptomeriae (Deuteromycetes)
- CUCUMIS:**
Mycosphaerella citrullina (Ascomycetes)
- CUCURBITA:**
Phytophthora cactorum (Phycomycetes)
- CUPRESSUS:**
Gymnosporangium haraeanaum (Promycetes)
- CYCLAMEN:**
Septoria cyclaminis (Deuteromycetes)
Tritirachium dependens (Deuteromycetes)
- CYMBIDIUM:**
Chaetomium indicum (Ascomycetes)
Septoria posekensis (Deuteromycetes)

CYPRIPEDIUM:

- Septoria epipactidis* (?) (Deuteromycetes)
- Septoria posekensis* (Deuteromycetes)

DAHLIA:

- Cytospora dahliae* (Deuteromycetes)

DAUCUS:

- Stemphylium radicinum* (Deuteromycetes)

DENDROBIUM:

- Physozpora orchidearum* (Ascomycetes)

DEUTZIA:

- Volutella roseolum* (Deuteromycetes)

DIANTHUS:

- Alternaria dianthi* (Deuteromycetes)
- Septoria dianthi* (Deuteromycetes)
- Stemphylium botryosum* (Deuteromycetes)
- Vermicularia dematium* (Deuteromycetes)

ECHINOCACTUS:

- Leptosphaeria opuntiae* (Ascomycetes)

ELEOCHARIS:

- Gliomastix conovoluta* (Deuteromycetes)
- Melanospora zamiae* (Ascomycetes)
- Memnoniella echinata* (Deuteromycetes)
- Stilbum incarnatum* (Deuteromycetes)

EPIDENDRUM:

- Uredo behnickiana* (Promycetes)

ERICA:

- Laestadia rouzii* (Ascomycetes)

ERIOBOTRYA:

- Orbillia rubella* (Ascomycetes)

FAGUS:

- Fusicoccum galericulatum* (Deuteromycetes)

FESTUCA:

- Claviceps purpurea* (Ascomycetes)

FRAGARIA:

- Mycosphaerella fragariae* (Ascomycetes)

GALANTHUS:

- Botrytis galanthina* (Deuteromycetes)

GARDENIA:

- Omphalia flarida* (Deuteromycetes)

GENISTA:

- Physozpora obtusa* (Ascomycetes)

GLADIOLUS:

- Botrytis gladiolorum* (Deuteromycetes)
- Fusarium oxysporum* f. *gladioli* (Deuteromycetes)
- Pseudomonas marginata* (Schizomycetes)

GYPHOPHILA:

- Alternaria gypsophilae* (Deuteromycetes)
- Puccinia arenariae* (Promycetes)

HAWORTHIA:

- Ascochyta haworthiae* (Deuteromycetes)

HELLEBORUS:

- Coniothyrium hellebori* (Deuteromycetes)

HIBISCUS:

- Cercospora malayensis* (Deuteromycetes)

HORDEUM:

- Puccinia glumarum* (Promycetes)
- Ustilago nuda* (Promycetes)

HOYA:

- Gloeosporium affine* (Deuteromycetes)

HURA:

- Cytospora chrysosperma* (Deuteromycetes)
- Polyporus occidentalis* (Basidiomycetes)
- Schizophyllum commune* (Basidiomycetes)

HYACINTHUS:

- Stemphylium botryosum* (Deuteromycetes)
- Stemphylium ilicis* (Deuteromycetes)
- Stemphylium radicinum* (Deuteromycetes)
- Xanthomonas hyacinthi* (Schizomycetes)

ILEX:

- Physozpora ilicis* (Ascomycetes)

IRIS:

- Collectotrichum lilii* (Deuteromycetes)
- Ditylenchus* sp. (undescribed) (Nematoda)
- Fusarium oxysporum* (Deuteromycetes)
- Leptosphaeria heterospora* (Ascomycetes)
- Sclerotium delphinii* (Deuteromycetes)

JUNIPERUS:

- Gymnosporangium haraezanum* (Promycetes)
- Lophodermium juniperinum* (Ascomycetes)
- Pestalotia funerea* (Deuteromycetes)

KERRIA:

- Phoma japonica* (Deuteromycetes)

LABURNUM:

- Rabenhorstia rudis* (Deuteromycetes)

LAELIA:

- Diplodia para physaria* (Deuteromycetes)
- Pestalotia inconspicua* (Deuteromycetes)

LAELIA—Continued

- Pestalotia microspora* (Deuteromycetes)
- Phyllosticta laeliae* (Deuteromycetes)
- Physozpora campispora* (Ascomycetes)
- Physozpora cattleyae* (Ascomycetes)
- Physozpora wildemaniana* (Ascomycetes)
- Uredo behnickiana* (Promycetes)

LECYTHIS:

- Diplodia theobromae* (Deuteromycetes)

LESPEDEZA:

- Uromyces lespedezae-procumbentis* (Promycetes)

LEUCOJUM:

- Trichoderma lignorum* (Deuteromycetes)

LEUCOTHOE:

- Phyllosticta leucothoes* (Deuteromycetes)

LILIAEAE:

- Collectotrichum lilii* (Deuteromycetes)

LILIUM:

- Botrytis elliptica* (Deuteromycetes)
- Collectotrichum lilii* (Deuteromycetes)
- Gliomastix conovoluta* (Deuteromycetes)

LIMONIUM:

- Uromyces limonii* (Promycetes)

LYCOPERSICON:

- Alternaria porri* (Deuteromycetes)
- Helminthosporium carposaprum* (Deuteromycetes)
- Hormodendron cladosporioides* (Deuteromycetes)
- Myrothecium roridum* (Deuteromycetes)
- Phytophthora parasitica* (Phycomycetes)
- "Tomato pox"

LYCORIS:

- Rhizopus necans* (Phycomycetes)

MAGNOLIA:

- Karschia lignyota* (Ascomycetes)
- Phomopsis magnoliae* (Deuteromycetes)

MAHONIA:

- Cumminsella sanguinea* (Promycetes)

MALUS:

- Elsinoe piri* (Ascomycetes)
- Leptothyrium pomi* (Deuteromycetes)
- Monilinia fructigena* (Ascomycetes)
- Mycosphaerella pomi* (Ascomycetes)

MANGIFERA:

- Pestalotia funerea* (Deuteromycetes)
- Phyllosticta mortoni* (Deuteromycetes)

MANIHOT:

- Diplodia theobromae* (Deuteromycetes)

MEDICAGO:

- Pseudopeziza medicaginis* (Ascomycetes)

MUSA PARADISIACA:

- Cercospora musae* (Deuteromycetes)
- Diplodia theobromae* (Deuteromycetes)
- Stachylidium theobromae* (Deuteromycetes)

MUSA PARADISIACA SAPIENTUM:

- Cercospora musae* (Deuteromycetes)
- Leptosphaeria musarum* (Ascomycetes)
- Macrophoma musae* (Deuteromycetes)
- Memnoniella echinata* (Deuteromycetes)
- Stachybotrys subsimplex* (Deuteromycetes)
- Stachylidium theobromae* (Deuteromycetes)

MUSCARI:

- Stemphylium ilicis* (Deuteromycetes)

NARCISSEUS:

- Ditylenchus dipsaci* (Nematoda)
- Fusarium oxysporum* f. *narcissi* (Deuteromycetes)
- Gliomastix conovoluta* (Deuteromycetes)
- Phyllosticta narcissi* (Deuteromycetes)

NERIUM:

- Cercospora neriella* (Deuteromycetes)
- Phyllosticta nerii* (Deuteromycetes)
- Stemphylium botryosum* (Deuteromycetes)

NYMPHAEAE:

- Diplodia theobromae* (Deuteromycetes)

ODONTOGLOSSUM:

- Cercospora angreii* (Deuteromycetes)
- Septoria posekensis* (Deuteromycetes)

ONCIDIUM:

- Diplodia para physaria* (Deuteromycetes)
- Septoria posekensis* (Deuteromycetes)
- Uredo behnickiana* (Promycetes)
- Uredo oncidii* (Promycetes)

OPUNTIA:

- Mycosphaerella opuntiae* (Ascomycetes)
- Phyllosticta concava* (Deuteromycetes)

ORCHID:

- Gloeosporium orchidearum* (Deuteromycetes)
- Periola hirsuta* (Deuteromycetes)

ORNITHOGALUM:

- Heterosporium ornithogali* (Deuteromycetes)
- Puccinia ornithogali-thyrsoides* (Promycetes)

ORYZA:

- Helminthosporium oryzae* (Deuteromycetes)
- Memnoniella echinata* (Deuteromycetes)
- Necossia horrida* (Promycetes)
- Nigrospora sphaerica* (Deuteromycetes)
- Phaeosphaeria oryzae* (Ascomycetes)
- Phyllosticta glumarum* (Deuteromycetes)
- Pyrenochaeta oryzae* (Deuteromycetes)
- Septoria oryzae* (Deuteromycetes)
- Uromyces coronatus* (Promycetes)

PAEONIA:

- Monochaetia paeoniae* (Deuteromycetes)
- Pezizella lythri* (Ascomycetes)

PALM:

- Diplodia theobromae* (Deuteromycetes)
- Gloeosporium catechu* (Deuteromycetes)
- Pestalotia palmarum* (Deuteromycetes)

PASPALUM:

- Clariceps paspali* (Ascomycetes)

PERSEA:

- Pseudomonas syringae* (Schizomycetes)

PHASEOLUS LYNATUS MACROCARPUS:

- Cercospora canescens* (Deuteromycetes)
- Elsinoe phaseoli* (Ascomycetes)

PHASEOLUS VULGARIS:

- Hormodendron cladoporioides* (Deuteromycetes)
- Pseudomonas phaseolicola* (Schizomycetes)

PHASEOLUS VULGARIS VAR.:

- Isariopsis griseola* (Deuteromycetes)

PHILODENDRON:

- Diplodia theobromae* (Deuteromycetes)
- Mycosphaerella philodendri* (Ascomycetes)

PHLOX:

- Septoria divaricatae* (Deuteromycetes)

PHOENIX:

- Phomopsis phoenicola* (Deuteromycetes)

PHRAGMITES:

- Puccinia phragmitis* (Promycetes)

PHYSALIS:

- Ascochyta lycopersici* (Deuteromycetes)
- Colletotrichum phomoides* (Deuteromycetes)

PINUS:

- Coleosporium senecionis* (Promycetes)
- Naemacyclus niteus* (Ascomycetes)
- Pestalotia funerea* (Deuteromycetes)
- Pestalotia peregrina* (Deuteromycetes)
- Phoma pinicola* (Deuteromycetes)

PISUM:

- Ascochyta pisi* (Deuteromycetes)
- Colletotrichum pisi* (Deuteromycetes)
- Mycosphaerella pinodes* (Ascomycetes)
- Peronospora pisi* (Phycomycetes)
- Uromyces fabae* (Promycetes)

PLUMERIA:

- Coleosporium domingense* (Promycetes)

POPULUS:

- Marsonina populi* (Deuteromycetes)

PROTEA:

- Phaeosphaerella senriana* (?) (Ascomycetes)

PRUNUS PERSICA:

- Coryneum beijerincki* (Deuteromycetes)
- Monilinia fructigena* (Ascomycetes)

PRUNUS SP. (cherry):

- Cercospora circumscissa* (Deuteromycetes)
- Thecopsis areolata* (Deuteromycetes)

PSIDIUM:

- Botryosphaeria ribis* (Ascomycetes)
- Pestalotia psidii* (Deuteromycetes)

PUERARIA:

- Melanospora zamiae* (Ascomycetes)

PUNICA:

- Cytospora punica* (Deuteromycetes)

PYRACANTHA:

- Fusicladium pyracanthae* (Deuteromycetes)

PYRUS:

- Physalospora obtusa* (Ascomycetes)
- Septoria pyricola* (Deuteromycetes)

RAPHANUS:

- Aphanomyces raphani* (Phycomycetes)

RHODODENDRON:

- Cercospora handellii* (Deuteromycetes)
- Coniothyrium olivaceum* (Deuteromycetes)
- Coniothyrium rhododendri* (Deuteromycetes)
- Coryneum rhododendri* (Deuteromycetes)
- Diplodina eurhododendri* (Deuteromycetes)

RHODODENDRON—Continued

- Erobasiidium vaccinii* (Basidiomycetes)
- Gloeosporium rhododendri* (Deuteromycetes)
- Lachnum purpureum* (Ascomycetes)
- Mycosphaerella clintoniana* (Ascomycetes)
- Mycosphaerella rhododendri* (Ascomycetes)
- Pestalotia macrotricha* (Deuteromycetes)
- Phyllosticta saccardoi* (Deuteromycetes)
- Pucciniastrum myrtilli* (Promycetes)
- Septoria azaleae* (Deuteromycetes)

RIBES:

- Diplodina grossulariae* (Deuteromycetes)

ROSA:

- Cercospora rosicola* (Deuteromycetes)
- Diplocarpon rosae* (Ascomycetes)
- Pezizella lythri* (Ascomycetes)
- Phragmidium disciflorum* (Promycetes)

RUMEX:

- Uromyces polygoni* (Promycetes)

RUSCUS:

- Leptosphaeria rusci* (Ascomycetes)
- Phyllosticta ruscicola* (Deuteromycetes)

SALIX:

- Cytospora ambiens* (Deuteromycetes)
- Lynotia per chrysosperma* (Deuteromycetes)

SECIUM:

- Mycosphaerella citrullina* (Ascomycetes)

SINNINGIA:

- Thielaviopsis basicola* (Deuteromycetes)

SOIL:

- Acrobeles ciliatus* (Nematoda)
- Heterodera goettingiana* (Nematoda)
- Heterodera punctata* (Nematoda)
- Heterodera rostochiensis* (Nematoda)
- Mononchus papillatus* (Nematoda)
- Tylenchorhynchus claytoni* (Nematoda)

SOLANUM:

- Gliomastix convoluta* (Deuteromycetes)
- Pseudomonas solanacearum* (Schizomycetes)

SORBUS:

- Phomopsis sorbicola* (Deuteromycetes)
- Venturia inaequalis* var. *cinerascens* (Ascomycetes)

SORGHUM:

- Cerebella andropogonis* (Deuteromycetes)
- Phoma insidiosa* (Deuteromycetes)
- Sorosporium reitiana* (Promycetes)

SPARAXIS:

- Pseudomonas marginata* (Schizomycetes)

SPINACIA:

- Peronospora effusa* (Phycomycetes)

STACHYTARPHETA:

- Puccinia urbaniana* (Promycetes)

STANHOPEA:

- Pestalotia conspicua* (Deuteromycetes)
- Physalospora camptospora* (Ascomycetes)
- Physalospora willemianiana* (Ascomycetes)

STENOLOBIMUM:

- Prosopidium appendiculatum* (Promycetes)

TAXUS:

- Diplodia taxi* (Deuteromycetes)

TILIA:

- Schizophyllum commune* (Basidiomycetes)

TRIFOLIUM:

- Pseudopeziza trifolii* (Ascomycetes)
- Sclerotinia trifoliorum* (Ascomycetes)

TRITICUM:

- Anguina tritici* (Nematoda)
- Necossia indica* (Promycetes)
- Puccinia glumarum* (Promycetes)
- Septoria nodorum* (Deuteromycetes)
- Stagonospora graminella* (Deuteromycetes)
- Ustilago tritici* (Promycetes)

TRITONIA:

- Botrytis gladiolorum* (Deuteromycetes)

TULIPA:

- Botrytis tulipae* (Deuteromycetes)
- Papulaspora parasitica* (Deuteromycetes)

VACCINIUM:

- Lophodermium oxycocci* (Ascomycetes)

VANDA:

- Diplodia paraphysaria* (Deuteromycetes)
- Gloeosporium affine* (?) (Deuteromycetes)
- Gloeosporium beyrodtii* (Deuteromycetes)
- Pestalotia conspicua* (Deuteromycetes)

VIOLA:

- Puccinia violae* (Promycetes)

VITIS:

- Septoria ampelina* (Deuteromycetes)

WISTERIA:
Phomopsis seposita (Deuteromycetes)
 ZEA:
Nigrospora sphaerica (Deuteromycetes)
 ZINGIBER:
Gliomastix convoluta (Deuteromycetes)
Melanospora zamiae (Ascomycetes)
Memnoniella echinata (Deuteromycetes)
 ZIZANIA:
Uromyces coronatus (Promycetes)
Ustilago esculenta (Promycetes)

Hosts unknown

CEREAL:
Ustilago tritici (Promycetes)

Countries of origin and diseases

AFGHANISTAN:
Anguina tritici
Sclerotinia trifoliorum
 AITUTAKI ISLAND:
Diaporthe citri
 ALGERIA:
Septoria limonum
 ARGENTINA:
Alternaria citri
 Cancrosis "B"
Elsinoe australis
Sorosporium reiliana
 AUSTRALIA:
Alternaria dianthi
Gliomastix penicillioidea
Gloeosporium affine
Phoma citricarpa
Physalospora orchidearum
Septoria dianthi
Ustilago allii
 AZORES:
Heterodera goettingiana
Phomopsis phoenicola
Septoria dianthi
 BARBADOS:
Phomopsis capsici
 BELGIUM:
Cercospora angreii
Cercospora handelii
Collectotrichum omnivorum
Coryneum beijerinckii
Fusicoccum galecrulatum
Mycosphaerella clintoniana
Puccinia cickorii
Sclerotinia minor
Septoria azaleae
Thielaviopsis basicola
 BERMUDA:
Cercospora neriiella
Phyllosticta codiaeicola
Phyllosticta nerii
Septoria chrysanthemi
Stemphylium botryosum
 BRAZIL:
Alternaria dianthi
Alternaria gypsophilae
Collectotrichum lagenarium
Cytospora chrysosperma
Diaporthe citri
Elsinoe australis
Polyporus occidentalis
Schizophyllum commune
Septobasidium pseudopedicellatum
Septoria dianthi
Septoria posekensis
Uredo behnickiana
 BRITISH COLUMBIA:
Lophodermium oycocci
 BRITISH GUIANA:
Diplodia theobromae
 BRITISH WEST INDIES:
Gloeosporium orchidearum
 CANADA:
Collectotrichum lilii
Fusarium oxysporum f. gladioli
Phoma pinicola
 CANAL ZONE:
Cercospora musae
Helminthosporium oryzae

CANAL ZONE—Continued
Pestalotia palmarum
 CANTON ISLAND:
Phoma citricarpa
 CEYLON:
Xanthomonas citri
 CHILE:
Puccinia phragmitis
 CHINA:
Botrytis elliptica
Collectotrichum lilii
Gliomastix convoluta
Leptothyrium pomi
Melanospora zamiae
Memnoniella echinata
Phaeosphaeria oryzae
Phoma citricarpa
Rhizopus necans
Septoria bambusella
Stilbum incarnatum
Xanthomonas citri
 COLOMBIA:
Cercospora musae
Leptosphaeria musarum
Nigrospora sphaerica
Physalospora wildemaniana
Stachyidium theobromae
 COSTA RICA:
Cercospora musae
Memnoniella echinata
Metasphaeria caraguata
Stachyidium theobromae
 CUBA:
Cercospora malayensis
Curularia lunala
Diplodia theobromae
Elsinoe phaseoli
Gloeosporium piperatum
Phomopsis capsici
Stachyidium theobromae
 CYPRUS:
Alternaria citri
 CZECHOSLOVAKIA:
Ustilago perennans
 DENMARK:
Aphelenchus aderholdi
Coleosporium senecionis
Diplodina grossulariae
Heterodera goettingiana
Naemacylus niveus
Pestalotia peregrina
Stemphylium botryosum
 DOMINICAN REPUBLIC:
Stachyidium theobromae
 ECUADOR:
Stachyidium theobromae
 EGYPT:
Hormodendron cladoporioides
Phragmidium disciflorum
Xanthomonas citri
 ENGLAND:
Ascochyta pisi
Botrytis gladiolorum
Claviceps microcephala
Coniothyrium olivaceum
Cytospora ambiens
Gliomastix convoluta
Gloeosporium rhododendri
Helminthosporium avenae
Heterodera punctata
Heterodera rostochiensis
Mycosphaerella clintoniana
Mycosphaerella fragariae
Pestalotia macrotricha
Pezizella lythri
Phyllosticta camelliae
Phyllosticta saccardi
Plasmiodiophora brassicae
Puccinia phragmitis
Pucciniastrum myrtilli
Septoria azaleae
Septoria chrysanthemi
Septoria divaricatae
Stemphylium radicinum
Vermicularia dematium
 FIJI ISLANDS:
Memnoniella echinata

FINLAND:

Thecopora areolata

FORMOSA:

Phoma citricarpa

FRANCE:

Camellia yellow-spot virus

Cumminsella sanguinea

Cytospora dahliae

Gliomastix convoluta

Leptothyrium pomi

Pezizella lythri

Puccinia allii

Puccinia phragmitis

Sclerotium delphinii

Stemphylium botryosum

GERMANY:

Acrobeles ciliatus

Aphelenchus aderholdi

Aphelenchus avenae

Coryneum beijerinckii

Diplodina grossulariae

Fusarium oxysporum f. *gladioli*

Heterodera rostochiensis

Leptosphaeria berberidis

Leptothyrium berberidis

Marsonina populi

Physalospora obtusa

Pseudopeziza medicaginis

Stagonospora berberidina

GREECE:

Sclerotinia kernerii

GUAM:

Botryosphaeria ribis

Gloeosporium catechu

GUATEMALA:

Cercospora musae

Cercospora rosicola

Colletotrichum lilii

Cumminsella sanguinea

Diplodia theobromae

Eutypella bambusina

Leptosphaeria musarum

Nigrospora sphaerica

Phyllachora engleri

Phyllosticta laeliae

Stachylium theobromae

Uredo anthurii

HAITI:

Mycosphaerella citrullina

HAWAII:

Erobasidium vaccinii

Helminthosporium oryzae

Memnoniella echinata

Phyllosticta draconis

Uromyces alyziae

HONDURAS:

Cercospora musae

Diplodia theobromae

Stachylium theobromae

INDIA:

Chaetomium indicum

Colletotrichum lilii

Diplodia paraphysaria

Gloeosporium affine (?)

Gloeosporium beyrodtii

Macrophoma musae

Neocossia indica

Papularia sphaerosperma

Phoma insidiosa

Pyrenochaeta oryzae

Septoria epipactidis (?)

Septoria nodorum

Septoria posekensis

Sorosporium reiliana

Stagonospora graminella

Uromyces fabae

Xanthomonas citri

IRAN:

Anguina tritici

IRAQ:

Anguina tritici

IRELAND:

Heterodera rostochiensis

Pseudopeziza trifolii

ITALY:

Cercospora circumscissa

Cytospora ceratophora

Leptosphaeria rusci

ITALY—Continued

Mycosphaerella maculiformis

Mycosphaerella pomi

Pestalotia nucicola

Phragmidium disciflorum

Phyllosticta ruscicola

Pseudomonas marginata

Puccinia porri

Schizophyllum commune

Sclerotium cepitorum

Septoria castanicola

Septoria citri

Septoria cyclaminis

Septoria pyricola

Septoria unedonis

Tritirachium dependens

Ustilago nuda

Ustilago tritici

Venturia inaequalis var. *cinerascens*

JAMAICA:

Diplodia theobromae

Phytophthora parasitica

JAPAN:

Botrytis elliptica

Colletotrichum lilii

Diplodia taxi

Gliomastix convoluta

Gymnosporangium haraeum

Helminthosporium oryzae

Lophodermium juniperinum

Memnoniella echinata

Monochaetia paeoniae

Mycosphaerella allcina

Nigrospora sphaerica

Pestalotia cryptomeriae

Phaeosphaeria oryzae

Phoma citricarpa

Phoma japonica

Puccinia chrysanthemi

Puccinia glumarum

Septoria leucanthemi

Septoria oryzae

Uredo autumnalis

Uromyces coronatus

Uromyces lespedezae-procumbentis

Ustilago esculenta

Xanthomonas citri

KENYA:

Phoma insidiosa

KOREA:

Physalospora ilicis

LIBERIA:

Cerebella andropogonis

MEXICO

Alternaria porri

Aphanomyces raphani

Ascochyta lycopersici

Ascochyta pisi

Cercospora musae

Cercospora rosicola

Colletotrichum agaves

Colletotrichum phomoides

Colletotrichum pisi

Curularia lunata

Cytospora pumila

Diplocarpon rosae

Diplodia paraphysaria

Ditylenchus dipsaci

Helminthosporium carposaprum

Helminthosporium oryzae

Heterosporium allii

Hormodendron cladosporioides

Leptosphaeria opuntiae

Mycosphaerella citrullina

Mycosphaerella opuntiae

Mycosphaerella philodendri

Mycosphaerella pinodes

Myrothecium rostratum

Omphalia flarida

Orbilia rubella

Peronospora effusa

Pestalotia funerea

Pestalotia inconspicua

Pestalotia microspora

Pestalotia palmarum

Pestalotia psidii

Phyllosticta concava

MEXICO—Continued

Phyllosticta glumarum
Phyllosticta laeliae
Phyllosticta mortoni
Physalospora camptospora
Physalospora cattleyae
Physalospora wildemaniana
Phytophthora cactorum
Prospodium appendiculatum
Pseudomonas phaselicola
Pseudomonas solanacearum
Pseudomonas syringae
Septoria ampelina
Septoria leucanthemi
Septoria posekensis
Sphaceloma fawcettii
Stachyliidium theobromae
Stagonospora gigantea
Stemphylium botryosum
 "Tomato pox"
Tylenchus putrefaciens
Uredo behnickiana
Uredo oncidii
Uromyces compactus
Xanthomonas vesicatoria

NETHERLANDS:

Acrobelus ciliatus
Ascochyta pisi
Botrytis galanthina
Botrytis gladiolorum
Botrytis tulipae
Coleosporium campanulae
Coniothyrium hellebori
Coniothyrium rhododendri
Coryneum rhododendri
Ditylenchus dipsaci
Ditylenchus sp. (undescribed)
Fusarium oxysporum
Fusarium oxysporum f. *gladioli*
Fusarium oxysporum f. *narcissi*
Fusicladium pyracanthae
Gliomastix convoluta
Karschia lignyota
Lachnum virgineum
Leptosphaeria heterospora
Monilinia fructigena
Mononchus papillatus
Mycosphaerella rhododendri
Papulaspora parasitica
Pestalotia macrotricha
Phomopsis magnoliae
Phomopsis seposita
Phomopsis sorbicola
Phyllosticta aucubicola
Phyllosticta leucothoes
Phyllosticta narcissi
Pseudomonas marginata
Puccinia phragmitidis
Rabenhorstia rudis
Septoria azaleae
Septoria chrysanthemi
Stemphylium botryosum
Stemphylium ilicis
Stemphylium radicinum
Thielariopsis basicola
Trichoderma lignorum
Tylenchorhynchus claytoni
Urocystis colchici
Uromyces polygoni
Ustilago tritici
Volutella buzi
Volutella roseolum
Xanthomonas hyacinthi

NEW ZEALAND:

Claviceps purpurea

NICARAGUA:

Cercospora musae

NORWAY:

Diplodina eurhododendri

ORIENT:

Xanthomonas citri

PAKISTAN:

Macrophoma musae

PANAMA:

Cercospora musae
Stachybotrys subsimplex

PANAMA—Continued

Stachyliidium theobromae
Stemphylium botryosum

PERU:

Botrytis elliptica
Colletotrichum pisi
Pestalotia conspicua

PHILIPPINES:

Colletotrichum graminicolum
Macrophoma musae
Xanthomonas citri

POLAND:

Elsinoe piri

PORTUGAL:

Ascochyta pisi
Monilinia fructigena
Nigrospora sphaerica
Peronospora pisi
Puccinia arenariae
Septoria citri
Septoria dianthi
Stemphylium botryosum

PUERTO RICO:

Botryosphaeria ribis
Cercospora canescens
Cercospora musae
Colletotrichum cajani
Elsinoe phaseoli
Isariopsis griscola
Puccinia urbaniana
Stachyliidium theobromae
Vermicularia dematium

RUMANIA:

Sorosporium reiliana

ST. LUCIA:

Pestalotia palmarum

SALVADOR:

Cercospora musae

SIAM:

Pestalotia conspicua

Xanthomonas citri

SIERRA LEONE:

Stachyliidium theobromae

SOUTH AMERICA:

Pestalotia funerea

SPAIN:

Physalospora obtusa

STRAITS SETTLEMENTS

Xanthomonas citri

SWEDEN:

Curularia lunata
Cytospora chrysosperma
Puccinia violae

SWITZERLAND:

Septoria cyclaminis

Uromyces limonii

TRINIDAD:

Diplocarpon rosae

Uredo oncidii

TURKEY:

Anquima tritici
Claviceps paspali
Claviceps purpurea
Puccinia glumarum

UNION OF SOUTH AFRICA

Alternaria citri
Ascochyta haworthiae
Heterosporium ornithogali
Laestadia rouxii
Phaeosphaerella senniana
Phoma citricarpa
Pseudomonas marginata
Puccinia ornithogali-thyrsoideis

UNKNOWN:

Neovossia horrida

Puccinia violae

Xanthomonas citri

URUGUAY:

Ditylenchus destructor (?)
Elsinoe australis

VENEZUELA:

Cercospora fourcroyae
Colosporium domingense
Periola hirsuta
Pestalotia conspicua
Physalospora cattleyae

